

**1. Identification of the substance/mixture and of the company/undertaking**

Supplier: Axalta Coating Systems Canada Company  
408 Fairall Street,  
Ajax, ON L1S 1R6

Manufacturer: Axalta Coating Systems, LLC  
Two Commerce Square  
2001 Market Street, Suite 3600  
Philadelphia, PA 19103

Telephone: Product information: (800) 668-6945  
Medical emergency: (855) 274-5698  
Transportation emergency: (613) 996-6666 (CANUTEC)

Product Identifier: **MasterTint<sup>®</sup>, MasterTint<sup>®</sup> Specialty Additives, and MasterTint<sup>®</sup> FacPacs**  
Product Use: Coating for professional use

Hazardous Materials Information: See Section 16.

Products covered in this document include: 1001S, 1002S, 1003S, 1004S, 1005S, 1006S, 1007S, 1008S, 1009S, 1010S, 1011S, 1012S, 1013S, 1014S, 1015S, 1018S, 1019S, 1020S, 1021S, 1023S, 1024S, 1025S, 150K, 175K, 304S, 305S, 306S, 4530S, 52320N, 52330N, 62320F, 62330F, 738766K, 801J, 802J, 803J, 805J, 806J, 807J, 808J, 810J, 811J, 813J, 814J, 815J, 816J, 818J, 819J, 820J, 821J, 826J, 827J, 828J, 829J, 830J, 831J, 832J, 833J, 841J, 842J, 843J, 844J, 845J, 846J, 850J, 851J, 853J, 855J, 858J, 861J, 862J, 864J, 866J, 870J, 878J, 881J, 882J, 884J, 885J, 886J, 890J, 891J, 893J, 894J, 895J, 908J, 913J, 915J, 979J, G9900N, G9900S, P0932K

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**2. Composition/information on ingredients**

INGREDIENTS	CAS #	VAPOUR PRESSURE	EXPOSURE LIMITS
1,2,4-trimethylbenzene	95-63-6	7.0@44.4 °C	A 25.0 ppm, O 25.0 ppm
2-methylbutyl acetate	624-41-9	None	A 100.0 ppm 15 min STEL, A 50.0 ppm, O None
Acetone	67-64-1	247.0@68.0 °F	A 750.0 ppm 15 min STEL, A 500.0 ppm, O 1000.0 ppm, D 500.0 ppm 8 & 12 hour TWA
Acrylic polymer-A	Not Avail	None	A None, O None
Acrylic polymer-B	25133-97-5	None	A None, O None
Acrylic polymer-C	96591-17-2	None	A None, O None
Aliphatic hydrocarbon	64742-47-8	3.3@68.0 °F	A None, O None
Aluminum	7429-90-5	None	O 15.0 mg/m <sup>3</sup> Total Dust, O 5.0 mg/m <sup>3</sup> Respirable Dust, D 0.5 mg/m <sup>3</sup> 8 & 12 hour TWA, A None
Aluminum benzoate	555-32-8	None	A 15.0 mg/m <sup>3</sup> Metal Dust Al, O 15.0 mg/m <sup>3</sup> Metal Dust Al
Aluminum hydroxide	21645-51-2	None	A 1.0 mg/m <sup>3</sup> , O None
Aluminum oxide	1344-28-1	None	O 15.0 mg/m <sup>3</sup> Total Dust, O 5.0 mg/m <sup>3</sup> Respirable Dust, A None
Amorphous silica	7631-86-9	None	A 3.0 mg/m <sup>3</sup> Respirable Dust, O 20.0 mppcf, D 3.0 mg/m <sup>3</sup> , D 6.0 mg/m <sup>3</sup>
Amorphous silica - precipitated	112926-00-8	None	O 15.0 mg/kg Total Dust, O 5.0 mg/m <sup>3</sup> TWA Respirable Dust, D 3.0 mg/m <sup>3</sup> Respirable Dust, D 3.0 mg/m <sup>3</sup> 12 hr TWA, A None
Diantimony trioxide	1309-64-4	None	A 0.5 mg/m <sup>3</sup> Sb, O 0.5 mg/m <sup>3</sup> Sb, D 0.2 mg/m <sup>3</sup> Total Dust Sb, D 0.1 mg/m <sup>3</sup> 12 hr TWA Total Dust Sb
Aromatic hydrocarbon-A	64742-95-6	10.0@25.0 °C	D 50.0 ppm 8 & 12 hour TWA, A None, O None
Aromatic hydrocarbon-B	64742-48-9	0.7@68.0 °F	A 100.0 ppm, O 500.0 ppm, D 100.0 ppm
Azomethine copper-complex	15680-42-9	None	A None, O None
Barium sulphate	7727-43-7	None	O 15.0 mg/m <sup>3</sup> Total Dust, O 5.0 mg/m <sup>3</sup> Respirable Dust, D 10.0 mg/m <sup>3</sup> 8 & 12 hour TWA Total Dust, D 5.0 mg/m <sup>3</sup> 8 & 12 hour TWA Respirable Dust, A None
Bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate	41556-26-7	None	A None, O None
n-Butyl acetate	123-86-4	15.0	A 200.0 ppm 15 min STEL, A 150.0 ppm, O 150.0 ppm
C. I. pigment blue 60	81-77-6	None	A None, O None
C. I. Pigment brown	6992-11-6	None	A None, O None

INGREDIENTS	CAS #	VAPOUR PRESSURE	EXPOSURE LIMITS
C. I. pigment red 254	84632-65-5	None	A None, O None
C. I. pigment yellow 154	68134-22-5	None	A None, O None
Calcined kaolin	66402-68-4	None	A 3.0 mg/kg Respirable Dust, A 10.0 mg/m <sup>3</sup> inhalable particulate, O 15.0 mg/m <sup>3</sup> Total Dust, O 5.0 mg/m <sup>3</sup> Respirable Dust
Carbamate resin	26935-10-4	None	A None, O None
Carbazole violet pigment	6358-30-1	None	A None, O None
Carbon black	1333-86-4	None	A 3.0 mg/m <sup>3</sup> , O 3.5 mg/m <sup>3</sup> , D 0.5 mg/m <sup>3</sup> 8 & 12 hour TWA
Cellulose acetate butyrate	9004-36-8	None	A None, O None
Chromium hydroxide	1308-14-1	None	A 0.5 mg/m <sup>3</sup> Cr, O 0.5 mg/m <sup>3</sup> Cr
Chromium(III) oxide (2:3)	1308-38-9	None	A 0.5 mg/m <sup>3</sup> Cr, O 0.5 mg/m <sup>3</sup> Cr
Cumene	98-82-8	3.7	A 50.0 ppm, O 50.0 ppm Skin
Dimethyl glutarate	1119-40-0	0.2	D 10.0 mg/m <sup>3</sup> 8 & 12 hour TWA, A None, O None
Epoxidized soybean oil	Not Avail	0.0@25.0 °C	A None, O None
2-(2-butoxyethoxy)ethanol	112-34-5	0.0@25.0 °C	A 10.0 ppm Total Dust Vapour, D 5.0 ppm, O None
Ethyl acetate	141-78-6	100.0	A 400.0 ppm, O 400.0 ppm
Ethylbenzene	100-41-4	7.0	A 20.0 ppm, O 100.0 ppm, D 25.0 ppm 8 & 12 hour TWA
Ethylene glycol monobutyl ether	111-76-2	0.6	A 20.0 ppm, O 50.0 ppm Skin, D 20.0 ppm 8 & 12 hour TWA
Graphite	7782-42-5	None	A 2.0 mg/m <sup>3</sup> Respirable Dust, O 15.0 mg/m <sup>3</sup> Total Dust, O 5.0 mg/m <sup>3</sup> Respirable Dust
Heavy mineral spirits	64741-65-7	10.0@25.0 °C	D 100.0 ppm, A None, O None
Heptane	142-82-5	45.0@66.0 °F	A 500.0 ppm 15 min STEL, A 400.0 ppm, O 500.0 ppm
Iron oxide	1309-37-1	None	A 5.0 mg/m <sup>3</sup> Respirable Dust, O 10.0 mg/m <sup>3</sup> , D 3.0 mg/m <sup>3</sup>
Isobutyl alcohol	78-83-1	16.0	A 50.0 ppm, O 100.0 ppm
Isoindolinone pigment	36888-99-0	None	A None, O None
Isoindolinone yellow pigment	106276-79-3	None	A None, O None
Isopropyl alcohol	67-63-0	48.0	A None, O None
Lead Chromate Molybdate	12656-85-8	None	A 50.0 µg/m <sup>3</sup> Pb, A 10.0 mg/m <sup>3</sup> inhalable particulate Mo, A 3.0 mg/m <sup>3</sup> respirable particulate Mo, A 12.0 µg/m <sup>3</sup> Cr(VI), O 50.0 µg/m <sup>3</sup> Pb, O 5.0 µg/m <sup>3</sup> Cr(VI)
Lead chromate	7758-97-6	None	A 50.0 µg/m <sup>3</sup> Pb, A 12.0 µg/m <sup>3</sup> Cr(VI), O 50.0 µg/m <sup>3</sup> Pb, O 5.0 µg/m <sup>3</sup> Cr(VI), D 50.0 µg/m <sup>3</sup> Cr(VI)
Lead sulfochromate yellow	1344-37-2	None	A 50.0 µg/m <sup>3</sup> Pb, A 12.0 µg/m <sup>3</sup> Cr(VI), O 50.0 µg/m <sup>3</sup> TWA Pb, O 5.0 µg/m <sup>3</sup> Cr(VI), D 50.0 µg/m <sup>3</sup> Cr(VI)
Light yellow lemon yellow oxide pigment	51274-00-1	None	A None, O None
Melamine resin	68955-24-8	25.0	A None, O None
Methyl amyl ketone	110-43-0	3.4	A 50.0 ppm, O 100.0 ppm
Methyl ethyl ketone	78-93-3	71.2	A 300.0 ppm 15 min STEL, A 200.0 ppm, O 200.0 ppm, D 300.0 ppm 15 min TWA, D 200.0 ppm 8 & 12 hour TWA
Methyl methacrylate	80-62-6	38.7	A 100.0 ppm 15 min STEL, A 50.0 ppm, O 100.0 ppm
Mica	12001-26-2	None	A 3.0 mg/m <sup>3</sup> Respirable Dust, O 20.0 mppcf, O 3.0 mg/m <sup>3</sup> Respirable Dust
Monoazo pigment	12236-62-3	None	A 10.0 mg/m <sup>3</sup> inhalable particulate, O 15.0 mg/m <sup>3</sup> Total Dust, O 5.0 mg/m <sup>3</sup> Respirable Dust
n-Pentyl propionate	624-54-4	1.5	A None, O None
Naphthenic acid, nickel salt	61788-71-4	None	A None, O None
Perylene pigment	5521-31-3	None	A 10.0 mg/m <sup>3</sup> , O None
Phthalocyanine blue pigment-A	29719-96-8	None	A 10.0 mg/m <sup>3</sup> , O 5.0 mg/m <sup>3</sup> Respirable Dust, O 15.0 mg/m <sup>3</sup>
Phthalocyanine blue pigment-B	147-14-8	None	A 10.0 mg/m <sup>3</sup> inhalable particulate PNOC, A 3.0 mg/m <sup>3</sup> respirable particulate PNOC, O 15.0 mg/m <sup>3</sup> Total Dust PNOR, O 5.0 mg/m <sup>3</sup> TWA Respirable Dust PNOR
Phthalocyanine green pigment-A	1328-53-6	None	A 3.0 mg/m <sup>3</sup> TWA Respirable Dust, A 10.0 mg/m <sup>3</sup> TWA inhalable particulate, O 15.0 mg/m <sup>3</sup> TWA Total Dust, O 5.0 mg/m <sup>3</sup> TWA Respirable Dust
Phthalocyanine green pigment-B	68512-13-0	None	A None, O None
Pigment red 202	3089-17-6	None	A 3.0 mg/m <sup>3</sup> Respirable Dust, A 10.0 mg/m <sup>3</sup> inhalable particulate PNOR, O 5.0 mg/m <sup>3</sup> Respirable Dust PNOR, O 15.0 mg/m <sup>3</sup>
Polyester resin-A	295324-31-1	None	A None, O None
Polyester resin-B	35561-07-0	None	A None, O None
Polyethylene/vinyl acetate	24937-78-8	None	A None, O None

INGREDIENTS	CAS #	VAPOUR PRESSURE	EXPOSURE LIMITS
Primary amyl acetate	628-63-7	4.2	A 100.0 ppm 15 min STEL, A 50.0 ppm, O 100.0 ppm
Proprietary copper compound	Not Avail	None	A None, O None
Propylene carbonate	108-32-7	0.0	A None, O None
Propylene glycol monomethyl ether acetate	108-65-6	3.8	D 30.0 ppm 15 min TWA, A None, O None
Quartz-crystalline silica	14808-60-7	None	A 25.0 µg/m <sup>3</sup> Respirable Dust, O 0.3 mg/m <sup>3</sup> Total Dust, O 0.1 mg/m <sup>3</sup> Respirable Dust, D 20.0 µg/m <sup>3</sup> Respirable Dust, D 10.0 µg/m <sup>3</sup> 12 hr TWA Respirable Dust
Quinacridone magenta	980-26-7	None	A None, O None
Quinacridone pigment	1047-16-1	None	A 10.0 mg/m <sup>3</sup> inhalable particulate, O 15.0 mg/m <sup>3</sup> Total Dust PNOR, O 5.0 mg/m <sup>3</sup> Respirable Dust, D 10.0 mg/m <sup>3</sup> Total Dust
Red iron oxide light	1332-37-2	None	A 10.0 mg/m <sup>3</sup> PNOR, A 3.0 mg/m <sup>3</sup> Respirable Dust, A 5.0 mg/m <sup>3</sup> Fe, O 15.0 mg/m <sup>3</sup> Total Dust, O 5.0 mg/m <sup>3</sup> Respirable Dust
Rosin, hydrogenated	65997-06-0	None	A None, O None
Stoddard solvent	8052-41-3	>=1.6	A 100.0 ppm, O 500.0 ppm TWA, D 100.0 ppm 15 min STEL, D 50.0 ppm 8 & 12 hour TWA
Substituted pyrrolpyrrol	54660-00-3	None	A None, O None
Tetrachloroisosolinone yellow pigment	5590-18-1	None	A 250.0 ppm, O None
Tin oxide	18282-10-5	None	A 2.0 mg/m <sup>3</sup> , O 2.0 mg/m <sup>3</sup>
Titanium dioxide	13463-67-7	None	O 15.0 mg/m <sup>3</sup> Total Dust, D 10.0 mg/m <sup>3</sup> 8 & 12 hour TWA Total Dust, D 5.0 mg/m <sup>3</sup> 8 & 12 hour TWA Respirable Dust, A None
Titanium dioxide (rutile)	1317-80-2	None	A 10.0 mg/m <sup>3</sup> TWA Total Dust, O 10.0 mg/m <sup>3</sup> Total Dust, O 5.0 mg/m <sup>3</sup> Respirable Dust, D 10.0 mg/m <sup>3</sup> Total Dust, D 5.0 mg/m <sup>3</sup> Respirable Dust
Toluene	108-88-3	22.0	A 20.0 ppm, O 300.0 ppm CEIL, O 500.0 ppm 10 min TWA, O 200.0 ppm, D 50.0 ppm 8 & 12 hour TWA Skin
Trimethyl-orthoacetate	1445-45-0	20.0	A None, O None
Vinyl chloride - acetate	9003-22-9	None	A 10.0 mg/m <sup>3</sup> inhalable particulate PNOC, O None polymer
VM&P Naphtha	8032-32-4	17.9@68.0 °F	A 300.0 ppm, D 100.0 ppm, O None
Silane resin	Not Avail	None	A None, O None
Weather resistant mixture	Not Avail	None	A None, O None
Xylene	1330-20-7	8.0@25.0 °C	A 150.0 ppm 15 min STEL, A 100.0 ppm, O 100.0 ppm, D 100.0 ppm 8 & 12 hour TWA
Yellow Iron oxide	51274-00-1	None	A 10.0 mg/m <sup>3</sup> , O 15.0 mg/m <sup>3</sup>
Zirconium oxide	1314-23-4	None	A 10.0 mg/m <sup>3</sup> 15 min STEL, A 5.0 mg/m <sup>3</sup> , O 5.0 mg/m <sup>3</sup> Zr

\*A=ACGIH, O=OSHA, D=DuPont, S=Suppliers. Limits are 8 hour TWA unless otherwise specified.

Vapour pressure @ 20° C unless otherwise noted.

D=DuPont, Results obtained from E. I. du Pont de Nemours and Company.

### 3. Hazards identification

#### Potential Health Effects:

##### Inhalation:

May cause nose and throat irritation. May cause nervous system depression, characterized by the following progressive steps: headache, dizziness, nausea, staggering gait, confusion, unconsciousness. Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage. If this product contains or is mixed with an isocyanate activator/hardener, the following health effects may apply: Exposure to isocyanates may cause respiratory sensitization. This effect may be permanent. Symptoms include an asthma-like reaction with shortness of breath, wheezing, cough or permanent lung sensitization. This effect may be delayed for several hours after exposure. Repeated overexposure to isocyanates may cause a decrease in lung function, which may be permanent. Individuals with lung or breathing problems or prior reactions to isocyanates must not be exposed to vapours or spray mist of this product.

##### Ingestion:

May result in gastrointestinal distress.

##### Skin or eye contact:

May cause irritation or burning of the eyes. Repeated or prolonged liquid contact may cause skin irritation with discomfort and dermatitis.

**Other Potential Health Effects in addition to those listed above:**

**Acetone**

The following medical conditions may be aggravated by exposure: lung disease, eye disease, skin disorders. Overexposure may cause damage to any of the following organs/systems: blood, central nervous system, eyes, kidneys, liver, respiratory system, skin.

**Antimony trioxide**

Is an IARC, NTP or OSHA carcinogen. Cancer hazard based on tests with laboratory animals. Overexposure may create cancer risk. This substance may cause effects on any of the following organs/systems: lungs. Tests in laboratory animals have shown potential for developmental toxicity. The significance to man is unknown.

WARNING: This chemical is known to the State of California to cause cancer.

**Aromatic hydrocarbon-A**

The following medical conditions may be aggravated by exposure: skin disorders. Laboratory studies with rats have shown that petroleum distillates can cause kidney damage and kidney or liver tumours. These effects were not seen in similar studies with guinea pigs, dogs, or monkeys. Several studies evaluating petroleum workers have not shown a significant increase of kidney damage or an increase in kidney or liver tumours.

**Aromatic hydrocarbon-B**

Laboratory studies with rats have shown that petroleum distillates can cause kidney damage and kidney or liver tumours. These effects were not seen in similar studies with guinea pigs, dogs, or monkeys. Several studies evaluating petroleum workers have not shown a significant increase of kidney damage or an increase in kidney or liver tumours.

**n-Butyl acetate**

May cause abnormal liver function. The following medical conditions may be aggravated by exposure: respiratory system. Tests for embryotoxic activity in animals has been inconclusive. Rats exposed to very high airborne levels have exhibited high frequency hearing deficits. The significance of this to man is unknown. Has been toxic to the fetus in laboratory animals at doses that are toxic to the mother.

**C. I. pigment yellow 154**

Inhalation may cause: respiratory tract irritation. Skin or eye contact may cause any of the following: irritation.

**Carbon black**

Is an IARC, NTP or OSHA carcinogen. Has shown carcinogenic activity in laboratory animals at high doses. Significance to man is unknown. The following medical conditions may be aggravated by exposure: asthma, Respiratory Disease.

WARNING: This chemical is known to the State of California to cause cancer.

**Cumene**

WARNING: This chemical is known to the State of California to cause cancer.

**2-(2-butoxyethoxy)ethanol**

Increased susceptibility to the effects of this material may be observed in people with pre-existing disease of any of the following: central nervous system, eyes, kidneys, liver, skin. Tests in laboratory animals have shown effects on any of the following organs/systems: blood, kidneys, liver. Recurrent overexposure may result in liver and kidney injury. High doses in laboratory animals have shown non specific effects such as irritation, weight loss, moderate blood changes. Eye contact may cause: severe irritation, burns, corneal injury.

**Ethyl acetate**

Increased susceptibility to the effects of this material may be observed in people with pre-existing disease of any of the following: eyes, respiratory system, skin. Tests in laboratory animals have shown effects on any of the following organs/systems: blood, kidneys, liver.

**Ethylbenzene**

Is an IARC, NTP or OSHA carcinogen. Increased susceptibility to the effects of this material may be observed in people with pre-existing disease of any of the following: central nervous system, kidneys, liver, lungs. Recurrent overexposure may result in liver and kidney injury. Studies in laboratory animals have shown reproductive, embryotoxic and developmental effects.

WARNING: This chemical is known to the State of California to cause cancer.

**Ethylene glycol monobutyl ether**

Increased susceptibility to the effects of this material may be observed in people with pre-existing disease of any of the following: bone marrow, central nervous system, eyes, gastrointestinal system, kidneys, liver, respiratory system, skin. May cause injury to the kidneys, liver, blood and/or bone marrow. Repeated overexposure may result in damage to the blood. Eye contact may cause corneal injury. If absorbed through the skin, may be: harmful.

**Heavy mineral spirits**

Laboratory studies with rats have shown that petroleum distillates can cause kidney damage and kidney or liver tumours. These effects were not seen in similar studies with guinea pigs, dogs, or monkeys. Several studies evaluating petroleum workers have not shown a significant increase of kidney damage or an increase in kidney or liver tumours.

**Heptane**

Increased susceptibility to the effects of this material may be observed in people with pre-existing disease of any of the following: central nervous system, respiratory system, skin. May cause central nervous system effects such as dizziness, headache, nausea, and loss of consciousness. Laboratory studies with rats have shown that petroleum distillates can cause kidney damage and kidney or liver tumours. These effects were not seen in similar studies with guinea pigs, dogs, or monkeys. Several studies evaluating petroleum workers have not shown a significant increase of kidney damage or an increase in kidney or liver tumours. Aspiration may occur during swallowing or vomiting, resulting in lung damage.

**Aliphatic hydrocarbon**

Laboratory studies with rats have shown that petroleum distillates can cause kidney damage and kidney or liver tumours. These effects were not seen in similar studies with guinea pigs, dogs, or monkeys. Several studies evaluating petroleum workers have not shown a significant increase of kidney damage or an increase in kidney or liver tumours.

**Isobutyl alcohol**

Has shown carcinogenic activity in laboratory animals at high doses. Significance to man is unknown. May cause irritation of the mucous membranes. May cause abnormal liver function. Increased susceptibility to the effects of this material may be observed in people with pre-existing disease of any of the following: eyes, respiratory system, skin. Tests in laboratory animals have shown effects on any of the following organs/systems: bone marrow, liver. Prolonged skin contact may cause chemical burns. Liquid splashes in the eye may result in chemical burns.

**Isopropyl alcohol**

The following medical conditions may be aggravated by exposure: Dermatitis, Respiratory Disease. Developmental toxicity was seen in rat's offspring at doses that were maternally toxic. Contact may cause skin irritation with discomfort or rash. Can be absorbed through the skin in harmful amounts. Contact will cause moderate to severe redness and swelling, itching, tingling sensation, painful burning. May cause injury to the cornea of the eyes. Prolonged or repeated exposure may cause damage to any of the following organs/systems: liver. Ingestion studies on laboratory animals showed that very high oral doses caused increased liver and kidney weights. Aspiration may occur during swallowing or vomiting, resulting in lung damage. May cause central nervous system depression with headache, stupor, uncoordinated or strange behaviour, or unconsciousness. Irritating to the mouth, throat and stomach. May cause irritation of the respiratory tract, experienced as nasal discomfort and discharge, coughing and possibly accompanied by chest pain. Prolonged or repeated contact may cause drying, cracking, or irritation. Ingestion may cause headache, nausea, vomiting, dizziness, and drowsiness. Swallowing significant amounts of substance could cause serious injury, even death.

**Lead chromate Molybdate**

Is an IARC, NTP or OSHA carcinogen. Over exposure to lead may cause adverse effects to the blood forming, nervous, urinary, reproductive systems including embryotoxic effects. Symptoms may include loss of appetite, anaemia, disturbance of sleep and fatigue. See OSHA lead standard 29CFR1910.1025. For exposures longer than 8 hours the OSHA exposure limit is reduced by this formula:  $\text{limit (in } \mu\text{g/m}^3) = 400/\text{hours worked in the day}$ . Health studies have shown that chromate pigment manufacturing may be associated with an increase risk of lung cancer. Repeated or prolonged skin contact may cause: Dermatitis, allergic contact dermatitis. The following medical conditions may be aggravated by overexposure: asthma. Repeated or prolonged skin or eye contact may cause any of the following: irritation. Repeated or prolonged inhalation may cause any of the following: respiratory tract irritation, sensitization, asthma-like reactions, e.g. wheezing, chest tightness.

WARNING: This chemical is known to the State of California to cause cancer and birth defects or other reproductive harm

**Lead sulfochromate yellow**

Is an IARC, NTP or OSHA carcinogen. Over exposure to lead may cause adverse effects to the blood forming, nervous, urinary, reproductive systems including embryotoxic effects. Symptoms may include loss of appetite, anaemia, disturbance of sleep and fatigue. See OSHA lead standard 29CFR1910.1025. For exposures longer than 8 hours the OSHA exposure limit is reduced by this formula:  $\text{limit (in } \mu\text{g/m}^3) = 400/\text{hours worked in the day}$ . Health studies have shown that chromate pigment manufacturing may be associated with an increase risk of lung cancer. Repeated or prolonged skin contact may cause: allergic contact dermatitis. The following medical conditions may be aggravated by overexposure: asthma. Repeated or prolonged skin or eye contact may cause any of the following: irritation. Repeated or prolonged inhalation may cause any of the following: respiratory tract irritation, sensitization, asthma-like reactions, e.g. wheezing, chest tightness.

WARNING: This chemical is known to the State of California to cause cancer and birth defects or other reproductive harm

**Light yellow lemon yellow oxide pigment**

Contact may cause skin irritation with discomfort or rash. May cause eye irritation with discomfort, tearing, or blurred vision.

**Melamine resin**

This chemical is a formaldehyde donor. Formaldehyde is an IARC, NTP or OSHA carcinogen and has shown mutagenic activity in laboratory cell culture tests. May induce pulmonary sensitization or significant irritation of the respiratory airways. Formaldehyde has produced tumours in the nasal passages of laboratory animals when exposed to high concentrations for a two year period. IARC has concluded epidemiology studies found evidence of formaldehyde related nasopharyngeal cancer in humans and have classified formaldehyde as a confirmed human carcinogen. DuPont toxicologists have reviewed these studies and classified formaldehyde as a possible human carcinogen.

**Methyl ethyl ketone**

Material is irritating to mucous membranes and upper respiratory tract. Increased susceptibility to the effects of this material may be observed in people with pre-existing disease of any of the following: central nervous system, eyes, respiratory system, skin. Prolonged or repeated overexposure may cause any of the following: Conjunctivitis, Dermatitis. High concentrations have caused embryotoxic effects in laboratory animals. Aspiration may occur during swallowing or vomiting, resulting in lung damage. Ingestion may cause headache, nausea, vomiting, dizziness, and drowsiness.

**Methyl methacrylate**

The following medical conditions may be aggravated by exposure: liver disease, lung disease, Respiratory Disease, kidney disorders. This substance may cause effects on any of the following organs/systems: eyes, immune system, kidneys, liver, lungs, respiratory system, skin. ACGIH designates this as having potential to sensitize people as a result of dermal contact and/or inhalation exposure. Skin contact may cause: severe irritation, allergic contact dermatitis, skin sensitization. Inhalation may cause: Causes stupor (central nervous system depression), respiratory tract irritation.

**Mica**

Repeated or prolonged inhalation may cause any of the following: lung irritation. Long-term respiratory exposure exceeding TLV may damage the lungs, leading to bronchitis and impairment of lung capacity.

**Naphthenic acid, nickel salt**

WARNING: This chemical is known to the State of California to cause cancer.

**Polyester resin-A**

Skin contact may cause: irritation.

**Proprietary copper compound**

Contact may cause skin irritation with discomfort or rash. May cause eye irritation with discomfort, tearing, or blurred vision.

**Propylene glycol monomethyl ethyl acetate**

Recurrent overexposure may result in liver and kidney injury.

**Quartz-crystalline silica**

Is an IARC, NTP or OSHA carcinogen. Repeated overexposure to crystalline silica may lead to typical x-ray changes and chronic lung disease. Inhalation of high dust concentrations may cause: breathing difficulties, lung injury.

WARNING: This chemical is known to the State of California to cause cancer.

**Red iron oxide light**

Long- term respiratory exposure of Iron oxide may result in deposition of particles in the lung (benign siderosis).

**Stoddard solvent**

The following medical conditions may be aggravated by exposure: asthma, skin disorders. Laboratory studies with rats have shown that petroleum distillates can cause kidney damage and kidney or liver tumours. These effects were not seen in similar studies with guinea pigs, dogs, or monkeys. Several studies evaluating petroleum workers have not shown a significant increase of kidney damage or an increase in kidney or liver tumours.

**Titanium dioxide**

Is an IARC, NTP or OSHA carcinogen. In a lifetime inhalation test, lung cancers were found in some rats exposed to 250 mg/m<sup>3</sup> respirable titanium dust. Analysis of the Titanium Dioxide concentrations in the rat's lungs showed that the lung clearance mechanism was overwhelmed and that the results at the massive 250 mg/m<sup>3</sup> level are not relevant to the workplace. 'Results of a DuPont epidemiology study showed that employees who had been exposed to Titanium Dioxide were at no greater risk of developing lung cancer than were employees who had not been exposed to Titanium Dioxide. No pulmonary fibrosis was found in any of the employees and no association was observed between Titanium Dioxide exposure and chronic respiratory disease or x-ray abnormalities. Based on the results of this study DuPont concludes that Titanium Dioxide will not cause lung cancer or chronic respiratory disease in humans at concentrations experienced in the workplace'.

**Titanium dioxide (rutile)**

Is an IARC, NTP or OSHA carcinogen. In a lifetime inhalation test, lung cancers were found in some rats exposed to 250 mg/m<sup>3</sup> respirable titanium dust. Analysis of the Titanium dioxide concentrations in the rat's lungs showed that the lung clearance mechanism was overwhelmed and that the results at the massive 250 mg/m<sup>3</sup> level are not relevant to the workplace. 'Results of a DuPont epidemiology study showed that employees who had been exposed to Titanium dioxide were at no greater risk of developing lung cancer than were employees who had not been exposed to Titanium dioxide. No pulmonary fibrosis was found in any of the employees and no association was observed between Titanium dioxide exposure and chronic respiratory disease or x-ray abnormalities. Based on the results of this study DuPont concludes that Titanium dioxide will not cause lung cancer or chronic respiratory disease in humans at concentrations experienced in the workplace'.

**Toluene**

Increased susceptibility to the effects of this material may be observed in people with pre-existing disease of any of the following: central nervous system, kidneys, liver, respiratory system, skin. Can be absorbed through the skin in harmful amounts. Recurrent overexposure may result in liver and kidney injury. High airborne levels have produced irregular heart beats in animals and occasional palpitations in humans. Rats exposed to very high airborne levels have exhibited high frequency hearing deficits. The significance of this to man is unknown.

WARNING: This chemical is known to the State of California to cause birth defects or other reproductive harm.

**VM&P Naphtha**

Increased susceptibility to the effects of this material may be observed in people with pre-existing disease of any of the following: central nervous system, kidneys, liver, lungs, respiratory system, skin. This substance may cause damage to any of the following organs/systems: central nervous system, kidneys, liver, lungs, skin and eyes. Material may be harmful or fatal if swallowed.

**Xylene**

Increased susceptibility to the effects of this material may be observed in people with pre-existing disease of any of the following: bone marrow, cardiovascular system, central nervous system, kidneys, liver, lungs. Recurrent overexposure may result in liver and kidney injury. High exposures may produce irregular heart beats. Canada classifies Xylene as a developmental toxin as high exposures to Xylenes in some animal studies have been reported to cause health effects on the developing fetus/embryo. These effects were often at levels toxic to the adult animal. The significance of these effects to humans is not known. Repeated or prolonged skin contact may cause: irritation, dryness, cracking of the skin.

**4. First aid measures**

**First Aid Procedures:**

**Inhalation:**

If affected by inhalation of vapour or spray mist, move to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing difficulty persists, or occurs later, consult a physician.

**Ingestion:**

In the unlikely event of ingestion, DO NOT INDUCE VOMITING. Call a physician immediately and have names of ingredients available.

**Skin or eye contact:**

In case of eye contact, immediately flush with plenty of water for at least 15 minutes; call a physician. In case of skin contact, wash thoroughly with soap and water. If irritation occurs, contact a physician.

**5. Firefighting measures**

**Flash Point (Closed Cup):**

See Section 16 for exact values.

**Flammable Limits:**

LFL 0.8 %

UFL 12.8 %

**Extinguishing Media:**

Universal aqueous film-forming foam, carbon dioxide, dry chemical.

**Fire Fighting Procedures:**

Full protective equipment, including self-contained breathing apparatus, is recommended. Water from fog nozzles may be used to prevent pressure build-up.

**Fire and Explosion Hazards:**

For flammable liquids, vapour/air will ignite when an ignition source is present. In other cases, when heated above the flash point, emits flammable vapours which, when mixed with air, can burn or be explosive. Fine mists or sprays may be flammable at temperatures below the flash point.

## **6. Accidental release measures**

### **Procedures for cleaning up spills or leaks:**

Ventilate area. Remove sources of ignition. Prevent skin and eye contact and breathing of vapour. If material does not contain or is not mixed with an isocyanate activator/hardener: Wear a properly fitted air-purifying respirator with organic vapour cartridges (NIOSH approved TC-23C), eye protection, gloves and protective clothing. Confine, remove with inert absorbent, and dispose of properly. If the material contains, or is mixed with an isocyanate activator/hardener: Wear a positive-pressure, supplied-air respirator (NIOSH approved TC-19C), eye protection, gloves and protective clothing. Pour liquid decontamination solution over the spill and allow to sit at least 10 minutes. Typical decontamination solutions for isocyanate containing materials are: 20% Surfactant (Tergitol<sup>TM</sup> N 10) and 80% Water OR 0-10% Ammonia, 2-5% Detergent and Water (balance). Pressure can be generated. Do not seal waste containers for 48 hours to allow CO<sub>2</sub> to vent. After 48 hours, material may be sealed and disposed of properly.

### **Ecological information:**

There is no data available on the product. The product should not be allowed to enter drains, water courses or the soil.

## **7. Handling and storage**

### **Precautions to be taken in handling and storing:**

Observe label precautions. If combustible (flashpoint between 38 – 93 °C or 100 – 200 °F), keep away from heat, sparks and flame. If flammable (flashpoint less than 38 °C or 100 °F), also keep away from static discharges and other sources of ignition. If material is extremely flammable (flashpoint less than – 8 °C or 20 °F) or flammable, VAPORS MAY IGNITE EXPLOSIVELY OR CAUSE FLASH FIRE, respectively. Vapours may spread long distances. Prevent build up of vapours. Close container after each use. Ground containers when pouring. Wash thoroughly after handling and before eating or smoking. Do not store above 49 °C or 120 °F. If product is waterbased, do not freeze.

### **Other precautions:**

If material is a coating: do not sand, flame cut, braze or weld dry coating without a NIOSH approved air purifying respirator with particulate filters or appropriate ventilation, and gloves. Combustible dust clouds may be created where operations produce fine material (dust). Avoid formation of significant deposits of material as they may become airborne and form combustible dust clouds. Handling and processing operations should be conducted in accordance with best practices (e.g.NFPA-654).

## **8. Exposure controls/personal protection**

### **Ventilation:**

Provide sufficient ventilation in volume and pattern to keep contaminants below applicable exposure limits.

### **Respiratory protection:**

Do not breathe vapours or mists. If this product contains or is used with an isocyanate (such as an activator/hardener), wear a positive-pressure, supplied-air respirator (NIOSH approved TC-19C) while mixing activator/hardener with paint, during application and until all vapours and spray mist are exhausted. If product does not contain nor is used with an isocyanate activator/hardener, a properly fitted air-purifying respirator with organic vapour cartridges (NIOSH TC-23C) and particulate filter (NIOSH TC-84A) may be used. Follow respirator manufacturer's directions for respirator use. Do not permit anyone without protection in the painting area. Individuals with history of lung or breathing problems or prior reaction to isocyanates should not use or be exposed to this product if contains or is mixed with isocyanate activators/hardeners.

### **Protective equipment:**

Personal protective equipment should be worn to prevent contact with eyes, skin or clothing.

### **Skin and body protection:**

Neoprene gloves and coveralls are recommended.

Desirable in all industrial situations. Goggles are preferred to prevent eye irritation. If safety glasses are substituted, include splash guard or side shields.



## 9. Physical and chemical properties

Evaporation rate	Slower than Ether
Vapour pressure of principal solvent	15 hPa
Solubility of Solvent In Water	NIL
Vapour density	Heavier than air
Approx. Boiling Range ( °C)	78 – 150 °C
Approx. Freezing Range ( °C)	-108 °C
Density (g/l)	850 - 3,493
Specific Gravity	0.85 - 3.49
Percent Volatile By Volume	23.44 - 92.50
Percent Volatile By Weight	10.00 - 90.32
Percent Solids By Volume	7.50 - 76.56
Percent Solids By Weight	9.67 - 90.00
Appearance	liquid
Odour:	characteristic of the Product

## 10. Stability and reactivity

### Stability:

Stable

### Incompatibility (materials to avoid):

None reasonably foreseeable

### Hazardous decomposition products:

CO, CO2, smoke, and oxides of any heavy metals that are reported in "Composition, Information on Ingredients" section.

### Hazardous Polymerization:

Will not occur.

### Sensitivity to Static Discharge:

For flammable materials (flashpoint less than 38 °C or 100 °F) and combustibles (flashpoint between 38 – 93 °C or 100-200 °F) if heated above the flashpoint, solvent vapours in air may explode if static grounding and bonding is not used during transfer of this product.

### Sensitivity to Mechanical Impact:

None known.

## 11. Toxicological information

Toxicity Test Type	Value	Time	Species	Source
1,2,4-Trimethylbenzene				
Oral LD50	5000 mg/kg		rat	RTECS
Inhalation LC50	18000 mg/l	4 h	rat	RTECS
Acetone				
Oral LD50	5,800 mg/kg		rat	RTECS
Dermal LD50	20 g/kg		rabbit	Supplier MSDS
Inhalation LC50	50.1 g/m <sup>3</sup>	8 h	rat	RTECS
Aliphatic Hydrocarbon				
Oral LD50	> 5,000 mg/kg		rat	Supplier MSDS
Dermal LD50	> 3,160 mg/kg		rabbit	Supplier MSDS
Inhalation LC50	> 21.4 mg/l	4 h	rat	Supplier MSDS
Aluminum				
Oral LD50	> 2,000 mg/kg		rat	Supplier MSDS
Dermal LD50	= 25 g/kg		rat	Supplier MSDS
Inhalation LC50	= 0.888 mg/l		rat	Supplier MSDS
Amorphous Silica				
Oral LD50	> 5,000 mg/kg		rat	Supplier MSDS
Dermal LD50	> 5,000 mg/kg		rabbit	Supplier MSDS
Inhalation LC50	> 0.139 mg/l		rat	Supplier MSDS
Amorphous silica - precipitated				
Oral LD50	> 10,000 mg/kg		rat	Supplier MSDS
Dermal LD50	> 5,000 mg/kg		rabbit	Supplier MSDS

Toxicity Test Type	Value	Time	Species	Source
Aromatic hydrocarbon-A				
Oral LD50	> 5,000 mg/kg		rat	CCOHS
Dermal LD50	> 3,160 mg/kg		rat	CCOHS
Inhalation LD50	> 3,670 ppm	4 h	rat	Supplier MSDS
Aromatic Hydrocarbon-B				
Oral LD50	= 5,000 mg/kg		rat	Supplier MSDS
Dermal LD50	= 3,160 mg/kg		rabbit	Supplier MSDS
Azomethine copper-complex				
Oral LD50	5,000 mg/kg			Supplier MSDS
Diantimony trioxide				
Oral LD50	20,000 mg/kg		rat	Supplier MSDS
Barium sulphate				
Oral LD50	15,000 mg/kg		rat	Supplier MSDS
Bis (1,2,2,6,6-pentamethyl-4-piperidyl) sebacate				
Oral LD50	3,125 mg		rat	Supplier MSDS
Dermal LD50	2,000 mg/kg		rat	Supplier MSDS
N-Butyl acetate				
Oral LD50	> 5,000 mg/kg		rat	Supplier MSDS
Dermal LD50	> 5,000 mg/kg		rabbit	Supplier MSDS
Inhalation LC50	> 6,335 ppm	4 h	rat	Supplier MSDS
C. I. pigment blue 60				
Oral LD50	> 5,000 mg/l		rat	Supplier MSDS
C. I. pigment red 254				
Oral LD50	> 5,000 mg/kg		rat	Supplier MSDS
Dermal LD50	> 2,000 mg/kg		rat	Supplier MSDS
C. I. pigment yellow 154				
Oral LD50	> 5,000 mg/kg		rat	Supplier MSDS
Carbamate resin				
Oral LD50	> 2,000 mg/kg		rat	Supplier MSDS
Dermal LD50	> 2,000		rabbit	Supplier MSDS
Inhalation LC50	> 5 mg/l	4 h	rat	Supplier MSDS
Carbazole Violet pigment				
Oral LD50	> 2,000 mg/kg		rat	Supplier MSDS
Carbon black				
Oral LD50	> 8,000 mg/kg		rat	Supplier MSDS
Inhalation LC50	156 mg/m3	4 h	rat	Supplier MSDS
Cellulose acetate butyrate				
Oral LD50	> 6,400 mg/kg		rat	Supplier MSDS
Dermal LD50	> 1,000 mg/kg		guinea pig	Supplier MSDS
Cumene				
Oral LD50	1,400 mg/kg		rat	Supplier MSDS
Dermal LD50	10,578 mg/kg		rabbit	Supplier MSDS
Inhalation LC50	39 mg/l	4 h	rat	Supplier MSDS
2-(2-butoxyethoxy)ethanol				
Oral LD50	= 5,080 mg/kg		rat	Supplier MSDS
Oral LD50	= 2,406 mg/kg		mouse	Supplier MSDS
Dermal LD50	= 2,764 mg/kg		rabbit	Supplier MSDS
Ethyl acetate				
Oral LD50	5,600 mg/kg		rat	Supplier MSDS
Dermal LD50	> 20 mg/kg		rabbit	Supplier MSDS
Inhalation LC50	29.4 mg/l	4 h	rat	Supplier MSDS
Ethylbenzene				
Oral LD50	3,500 mg/kg		rat	RTECS
Dermal LD50	17.8 g/kg		rabbit	RTECS
Inhalation LC50	4,000 ppm	4 h	rat	Patty's
Ethylene glycol monobutyl ether				
Oral LD50	1,746 mg/kg		rat	Supplier MSDS
Dermal LD50	435 mg/kg		rabbit	Supplier MSDS
Inhalation LC50	> 691 ppm	1 h	guinea pig	Supplier MSDS
Graphite				
Oral LD50	> 5,000 mg/kg		rat	Supplier MSDS
Heavy mineral spirits				
Oral LD50	> 2,000 mg/kg		rat	MISCELLANEOUS
Dermal LD50	> 2,000 mg/kg		rabbit	MISCELLANEOUS
Inhalation LC50	> 5 mg/l	4 h	rat	MISCELLANEOUS

Toxicity Test Type	Value	Time	Species	Source
Heptane				
Oral LD50	= 5,000 mg/kg		mouse	MISCELLANEOUS
Dermal LD50	2,000 mg/kg		rabbit	Supplier MSDS
Inhalation LC50	103,000 mg/m <sup>3</sup>	4 h	rat	SAX DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS, FOURTH EDITION
Intravenous LD50	222 mg/kg		mouse	Supplier MSDS
Iron Oxide				
Oral LD50	> 5,000 mg/kg		rat	Supplier MSDS
Isobutyl alcohol				
Oral LD50	2,460 mg/kg		Female Rat	Supplier MSDS
Dermal LD50	2,460 mg/kg		rabbit	Supplier MSDS
Inhalation LC50	8,000 ppm		rat	Supplier MSDS
Percutaneous LD50	2.5 mg/kg		rabbit	Supplier MSDS
Isoindolinone Pigment				
Oral LD50	> 2,000 mg/kg		rabbit	Supplier MSDS
Isoindolinone yellow pigment				
Oral LD50	> 5,000 mg/kg		rat	Supplier MSDS
Isopropyl Alcohol				
Oral LD50	> 2,000 mg/kg		rat	Supplier MSDS
Dermal LD50	> 2,000 mg/kg		rabbit	Supplier MSDS
Inhalation LC50	> 5,000 ppm	8 h	rat	Supplier MSDS
Percutaneous LD50	13,000 mg/kg		rabbit	Supplier MSDS
Lead chromate Molybdate				
Oral LD50	> 5,000 mg/kg		rat	Supplier MSDS
Lead sulfochromate yellow				
Oral LD50	> 5,000 mg/kg		rat	Supplier MSDS
Melamine resin				
Oral LD50	> 2 g/kg		rat	Supplier MSDS
Dermal LD50	> 2 g/kg		rabbit	Supplier MSDS
Inhalation LC50	9 mg/l	4 h	rat	Supplier MSDS
Methyl amyl ketone				
Oral LD50	1,600 mg/kg		rat	Supplier MSDS
Oral LD50	= 730 mg/kg		mouse	Supplier MSDS
Dermal LD50	> 2,000 mg/kg		rabbit	Supplier MSDS
Inhalation LC50	2,000 ppm	4 h	rat	Supplier MSDS
Methyl ethyl ketone				
Oral LD50	> 2,193 g/kg		rat	Supplier MSDS
Dermal LD50	> 5 g/kg		rabbit	Supplier MSDS
Inhalation LC50	> 5,000 ppm	6 h	rat	Supplier MSDS
Methyl methacrylate				
Oral LD50	> 5,000 mg/kg		rat	Supplier MSDS
Dermal LD50	> 5,000 mg/kg		rabbit	Supplier MSDS
Inhalation LC50	7,094 ppm	4 h	rat	Supplier MSDS
Mica				
Oral LD50	15,000 mg/kg		rat	Supplier MSDS
Monoazo pigment				
Oral LD50	2,000 mg/kg		rat	Supplier MSDS
n-Pentyl propionate				
Oral LD50	14,000 mg/kg		rat	RTECS
Dermal LD50	14,000 mg/kg		rabbit	RTECS
Phthalocyanine blue pigment-B				
Oral LD50	> 5,000 mg/kg		rat	Supplier MSDS
Phthalocyanine green pigment-A				
Oral LD50	> 5,000 mg/kg		rat	Supplier MSDS
Dermal LD50	> 5,000 mg/kg		rat	Supplier MSDS
Phthalocyanine green pigment-B				
Oral LD50	5,000 mg/kg		rat	Supplier MSDS
Pigment Red 202				
Oral LD50	> 5,000 mg/kg		rat	Supplier MSDS
Polyethylene/vinyl acetate				
Oral LD50	> 2,500 mg/kg		rat	Supplier MSDS
Primary amyl acetate				
Oral LD50	19.7 mg/kg		rat	Supplier MSDS
Dermal LD50	8,300 mg/kg		guinea pig	CCOHS

Toxicity Test Type	Value	Time	Species	Source
Propylene carbonate				
Oral LD50	29,000 mg/kg		cat	CCOHS
Oral LD50	> 5,000 mg/kg		rat	Supplier MSDS
Oral LD50	20,700 mg/kg		mouse	RTECS
Dermal LD50	> 2,000 mg/kg		rabbit	Supplier MSDS
Dermal LD50	24,000 mg/kg		rabbit	CCOHS
Dermal LD50	20,000 mg/kg		Quail	RTECS
Propylene glycol monomethyl ether acetate				
Oral LD50	8.5 g/kg		Female Rat	Supplier MSDS
Dermal LD50	> 5 g/kg		rabbit	Supplier MSDS
Inhalation LC50	> 4,345 ppm	6 h	Male Rat	Supplier MSDS
Quinacridone magenta				
Oral LD50	> 10,000 mg/kg		rat	Supplier MSDS
Quinacridone pigment				
Oral LD50	> 10,000 mg/kg		rat	Supplier MSDS
Dermal LD50	> 2,000 mg/kg		rat	Supplier MSDS
Red iron oxide light				
Intraperitoneal LD50	5,400 mg/kg		mouse	RTECS
Stoddard solvent				
Oral LD50	> 5,000 mg/kg		rat	Supplier MSDS
Dermal LD50	> 3,160 mg/kg		rabbit	Supplier MSDS
Substituted pyrrolpyrrol				
Oral LD50	> 5,000 mg/kg		rat	Supplier MSDS
Dermal LD50	> 2,000 mg/kg		rat	Supplier MSDS
Tetrachloroisosolinone yellow pigment				
Oral LD50	5,000 mg/kg		rat	Supplier MSDS
Titanium dioxide				
Oral LD50	> 24,000 mg/m <sup>3</sup>		rat	Supplier MSDS
Dermal LD50	> 10,000 mg/m <sup>3</sup>		rabbit	Supplier MSDS
Inhalation ALC	> 6,820 mg/m <sup>3</sup>	4 h	rat	Supplier MSDS
Titanium dioxide (rutile)				
Oral LD50	> 24,000 mg/m <sup>3</sup>		rat	Supplier MSDS
Dermal LD50	> 10,000 mg/m <sup>3</sup>		rabbit	Supplier MSDS
Inhalation ALC	> 6,820 mg/m <sup>3</sup>	4 h	rat	Supplier MSDS
Toluene				
Oral LD50	3,000 mg/kg		rat	Supplier MSDS
Dermal LD50	4,000 mg/kg		rabbit	Supplier MSDS
Inhalation LC50	5,300 ppm		mouse	Supplier MSDS
Trimethyl-orthoacetate				
Oral LD50	4,981 mg/kg		rat	Supplier MSDS
Dermal LD50	> 2,000 mg/kg		rabbit	Supplier MSDS
Inhalation LD50	> 5 mg/l	4 h	rat	Supplier MSDS
VM&P Naphtha				
Oral LD50	5,000 mg/kg		rat	Supplier MSDS
Dermal LD50	2,000 mg/kg		rabbit	Supplier MSDS
Intravenous LD50	40 mg/kg		mouse	Supplier MSDS
Xylene				
Oral LD50	4,300 mg/kg		rat	RTECS
Dermal LD50	> 1,700 mg/kg		rabbit	RTECS
Inhalation LC50	5,000 ppm	4 h	rat	RTECS

**Key:**

RTECS - Registry of Toxic Effects of Chemical Substances  
CCOHS - Canadian Center for Occupational Health and Safety  
Patty's - Patty's Industrial Hygiene and Toxicology, 3rd Edition

**12. Ecological information**

There are no data available on the product itself. The product should not be allowed to enter drains or watercourses.

**Acute toxicity aquatic invertebrates**

CAS-No.	Chemical Name	Species	Exposure Time	Value	Type	Method
95-63-6	1,2,4-Trimethylbenzene	Daphnie	48 h	6 mg/l	LC50	
67-64-1	Acetone	Daphnia	2 days	10 mg/l		
64742-47-8	Aliphatic Hydrocarbon	Daphnia	96 h	10 mg/l	LC50	
7429-90-5	Aluminum	Daphnia	48 h	100 mg/l		
64742-95-6	Aromatic Hydrocarbon-A	Daphnia	24 h	170 mg/l	EC50	

CAS-No.	Chemical Name	Species	Exposure Time	Value	Type	Method
41556-26-7	Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate	Daphnia	24 h	20 mg/l	EC50	
123-86-4	n-Butyl Acetate	Ceriodaphnia dubia	2 days	72.8 mg/l	EC50	
84632-65-5	C. I Pigment Red 254	Daphnia	24 h	100 mg/l	EC50	
68134-22-5	C. I. Pigment Yellow 154	Daphnia	48 h	100 mg/l	EC50	
1333-86-4	Carbon Black	Water flea	1 days	5,600 mg/l	EC50	
98-82-8	Cumene	Daphnia	24 h	1.4 mg/l	EC50	
112-34-5	2-(2-butoxyethoxy)ethanol	Daphnia	24 h	2,850 mg/l	EC50	
100-41-4	Ethylbenzene	Daphnia	48 h	1.8 mg/l	EC50	
111-76-2	Ethylene glycol monobutyl ether	Daphnia	1 days	1,850 mg/l	EC50	
7782-42-5	Graphite	Daphnia	48 h	100 mg/l	LC50	
64741-65-7	Heavy mineral spirits	Daphnia	72 h	1,000 mg/l	EC50	
142-82-5	Heptane	Daphnia	24 h	10 mg/l	LC50	
1309-37-1	Iron Oxide	Daphnia	2 days	10,000 mg/l		
12656-85-8	Lead chromate Molybdate	Daphnia	48 h	100 mg/l	EC50	
1344-37-2	Lead sulfochromate yellow	Daphnia	48 h	100 mg/l		
68955-24-8	Melamine resin	Ceriodaphnia dubia	48 h	10 mg/l	EC50	
110-43-0	Methyl Amyl Ketone	Daphnia	2 days	90 mg/l	EC50	
78-93-3	Methyl Ethyl Ketone	Daphnia	48 h	5,091 mg/l	EC50	
147-14-8	Phthalocyanine blue pigment-B	Daphnia	48 h	500 mg/l	EC50	
1328-53-6	Phthalocyanine green pigment-A	Daphnia	48 h	500 mg/l	EC50	
68512-13-0	Phthalocyanine green pigment-B	Water flea	48 h	500 mg/l	EC50	
108-32-7	Propylene carbonate	Daphnia	48 h	500 mg/l	EC50	
108-88-3	Toluene	Water flea	1 day	100 ppm		
1445-45-0	Trimethyl-orthoacetate	Daphnia	48 h	1,000 mg/l	EC50	
1330-20-7	Xylene	Water flea	1 days	10 mg/l	EC50	
1330-20-7	Xylene	Daphnia	1 days	10 mg/l	EC50	

**Acute and extended toxicity of fishes**

CAS-No.	Chemical Name	Species	Exposure Time	Value	Type	Method
95-63-6	1,2,4-Trimethylbenzene	<i>Oncorhynchus mykiss</i> (Rainbow Trout)	96 h	9,22 mg/l	EC50	
67-64-1	Acetone	<i>Carassius auratus</i> (Goldfish)	1 days	5000 mg/l		
67-64-1	Acetone	<i>Oncorhynchus mykiss</i> (Rainbow Trout)	4 days	5540 mg/l		
67-64-1	Acetone	<i>Lepomis macrochirus</i> (Bluegill sunfish)	4 days	8300 mg/l		
7631-86-9	Amorphous silica	<i>Pimephales promelas</i> (Fathead Minnow)	4 days	5000 mg/l		
64742-95-6	Aromatic hydrocarbon-A	<i>Danio rerio</i> (Zebra Fish)	96 h	10 mg/l	LC50	
64742-48-9	Aromatic Hydrocarbon-B	<i>Pimephales promelas</i> (Fathead Minnow)	96 h	2200 mg/l	LC50	
41556-26-7	Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate)	<i>Lepomis macrochirus</i> (Bluegill sunfish)	96 h	0,97 mg/l	LC50	
123-86-4	n-Butyl acetate	<i>Pimephales promelas</i> (Fathead Minnow)	4 days	18 mg/l	LC50	
123-86-4	n-Butyl acetate	<i>Lepomis macrochirus</i> (Bluegill sunfish)	4 days	100 mg/l		
84632-65-5	C. I Pigment Red 254	<i>Danio rerio</i> (Zebra Fish)	24 h	100 mg/l	LC50	
6358-30-1	Carbazole Violet Pigment	<i>Danio rerio</i> (Zebra Fish)	96 h	100 mg/l	LC50	
1333-86-4	Carbon Black	<i>Danio rerio</i> (Zebra Fish)	4 days	1000 mg/l	LC50	
98-82-8	Cumene	<i>Oncorhynchus mykiss</i> (Rainbow Trout)	96 h	2.7 mg/l	LC50	
112-34-5	2-(2-butoxyethoxy)ethanol	<i>Lepomis macrochirus</i> (Bluegill sunfish)	4 days	1,300 mg/l	LC50	
141-78-6	Ethyl Acetate	<i>Pimephales promelas</i> (Fathead Minnow)	4 days	230 mg/l		
141-78-6	Ethyl Acetate	<i>Leuciscus idus</i> (Ide)	2 days	270 mg/l		
141-78-6	Ethyl Acetate	<i>Oncorhynchus mykiss</i> (Rainbow Trout)	4 days	425 mg/l		

CAS-No.	Chemical Name	Species	Exposure Time	Value	Type	Method
100-41-4	Ethylbenzene	<i>Oncorhynchus mykiss</i> (Rainbow Trout)	96 h	4.2 mg/l	LC50	
111-76-2	Ethylene glycol monobutyl ether	<i>Lepomis macrochirus</i> (Bluegill sunfish)	4 days	1,490 mg/l	LC50	
111-76-2	Ethylene glycol monobutyl ether	<i>Pimephales promelas</i> (Fathead Minnow)	4 days	2,137 mg/l	LC50	
64741-65-7	Heavy mineral spirits	<i>Oncorhynchus mykiss</i> (Rainbow Trout)	96 h	1,000 mg/l	LC50	
142-82-5	Heptane	<i>Oncorhynchus mykiss</i> (Rainbow Trout)	4 days	15 ppm		
142-82-5	Heptane	<i>Lepomis macrochirus</i> (Bluegill sunfish)	1 days	2990 ppm		
64742-47-8	Aliphatic hydrocarbon	<i>Oncorhynchus mykiss</i> (Rainbow Trout)	96 h	10 mg/l	EC50	
1309-37-1	Iron Oxide	<i>Leuciscus idus</i> (Golden Orfe)	2 days	1000 mg/l		
78-83-1	Isobutyl alcohol	<i>Leuciscus idus</i> (Golden Orfe)	2 days	1,220 mg/l		
78-83-1	Isobutyl alcohol	<i>Pimephales promelas</i> (Fathead Minnow)	4 days	1,600 mg/l		
67-63-0	Isopropyl alcohol	<i>Pimephales promelas</i> (Fathead Minnow)		83 mg/l		
12656-85-8	Lead Chromate Molybdate	<i>Leuciscus idus</i> (Golden Orfe)	96 h	2,500 mg/l	LC50	
1344-37-2	Lead sulfochromate yellow	<i>Leuciscus idus</i> (Golden Orfe)	96 h	10,000 mg/l		
68955-24-8	Melamine resin	<i>Oncorhynchus mykiss</i> (Rainbow Trout)	48 h	10 mg/l	LC50	
110-43-0	Methyl Amyl Ketone	<i>Pimephales promelas</i> (Fathead Minnow)	4 days	131 mg/l	LC50	
78-93-3	Methyl Ethyl Ketone	<i>Pimephales promelas</i> (Fathead Minnow)	0	3220 mg/l	LC50	
80-62-6	Methyl methacrylate	<i>Oncorhynchus mykiss</i> (Rainbow Trout)	4 days	79 mg/l		
80-62-6	Methyl methacrylate	<i>Pimephales promelas</i> (Fathead Minnow)	4 days	100 mg/l		
147-14-8	Phthalocyanine Blue Pigment-B	<i>Oncorhynchus mykiss</i> (Rainbow Trout)	48 h	100 mg/l	LC50	
147-14-8	Phthalocyanine Blue Pigment-B	<i>Leuciscus idus</i> (Golden Orfe)	96 h	500 mg/l	LC50	
1328-53-6	Phthalocyanine green pigment-A	<i>Oncorhynchus mykiss</i> (Rainbow Trout)	96 h	100 mg/l	LC50	
68512-13-0	Phthalocyanine green pigment-B	<i>Danio rerio</i> (Zebra Fish)	96 h	100 mg/l	LC50	
628-63-7	Primary amyl acetate	<i>Pimephales promelas</i> (Fathead Minnow)	4 days	69 mg/l		
108-32-7	Propylene carbonate	<i>Leuciscus idus</i> (Golden Orfe)	96 h	5,300 mg/l	LC50	
108-65-6	Propylene glycol monomethyl ether acetate	<i>Pimephales promelas</i> (Fathead Minnow)	4 days	161 mg/l		
14808-60-7	Quartz-crystalline silica	<i>Cyprinus carpio</i> (Carp)	72 h	10 g/l	LC50	
54660-00-3	Substituted pyrrolpyrrol	<i>Danio rerio</i> (Zebra Fish)	96 h	100 mg/l	LC50	
13463-67-7	Titanium Dioxide	<i>Pimephales promelas</i> (Fathead Minnow)	4 days	1000 mg/l		
1317-80-2	Titanium dioxide (rutile)	<i>Pimephales promelas</i> (Fathead Minnow)	4 days	1000 mg/l		
108-88-3	Toluene	<i>Pimephales promelas</i> (Fathead Minnow)	4 days	32 mg/l		
108-88-3	Toluene	<i>Lepomis macrochirus</i> (Bluegill sunfish)	4 days	60 ppm		
108-88-3	Toluene	<i>Carassius auratus</i> (Goldfish)	4 days	60 ppm		

CAS-No.	Chemical Name	Species	Exposure Time	Value	Type	Method
1330-20-7	Xylene	<i>Pimephales promelas</i> (Fathead Minnow)	4 days	21 mg/l	EC50	
1330-20-7	Xylene	<i>Lepomis macrochirus</i> (Bluegill sunfish)	4 days	22 mg/l	EC50	
1330-20-7	Xylene	<i>Carassius auratus</i> (Goldfish)	4 days	24 mg/l	EC50	

**Toxicity with aquatic plants**

CAS-No.	Chemical Name	Species	Exposure Time	Value	Type	Method
7429-90-5	Aluminum	Algae	72 h	100 mg/l		
7631-86-9	Amorphous Silica	Daphnia	2 days	5,000 mg/l		
64742-95-6	Aromatic Hydrocarbon-A	Algae	72 h	10 mg/l	EC50	
6358-30-1	Carbazole Violet Pigment	<i>Desmodesmus</i> <i>subspicatus</i> (green algae)	72 h	100 mg/l	EC50	
1333-86-4	Carbon Black	Algae	3 days	10,000 mg/l	EC50	
98-82-8	Cumene	green algae (type not specified)	72 h	2.6 mg/l	IC50	
141-78-6	Ethyl Acetate	Daphnia	2 days	230 mg/l		
100-41-4	Ethylbenzene	green algae (type not specified)	72 h	4.6 mg/l	EC50	
7782-42-5	Graphite	green algae (type not specified)	72 h	100 mg/l	EC50	
78-83-1	Isobutyl alcohol	Daphnia	2 days	1,994 mg/l		
12656-85-8	Lead chromate Molybdate	green algae (type not specified)	72 h	100 mg/l	EC50	
1344-37-2	Lead sulfochromate yellow	green algae (type not specified)	72 h	100 mg/l		
80-62-6	Methyl methacrylate	Daphnia	2 days	69 mg/l		
80-62-6	Methyl methacrylate	Algae	4 days	170 mg/l		
1328-53-6	Phthalocyanine green pigment-A	<i>Desmodesmus</i> <i>subspicatus</i> (green algae)	72 h	100 mg/l	EC50	
108-32-7	Propylene carbonate	<i>Desmodesmus</i> <i>subspicatus</i> (green algae)	72 h	500 mg/l	EC50	
108-65-6	Propylene glycol monomethyl ether acetate	Daphnia	2 days	408 mg/l		

**Mobility**

No information available.

**13. Disposal considerations**

**Provincial Waste Classification:**

Check appropriate provincial and local waste disposal regulations for proper classifications.

**Waste Disposal Method:**

Do not allow material to contaminate ground water systems. Incinerate or otherwise dispose of waste material in accordance with Federal, State, Provincial, and local requirements. Do not incinerate in closed containers. Send to a licensed waste management company.

**14. Transport information**

**1001S, 1002S, 1003S, 1004S, 1005S, 1006S, 1007S, 1008S, 1009S, 1010S, 1011S, 1012S, 1013S, 1014S, 1015S, 1018S, 1019S, 1020S, 1021S, 1023S, 1024S, 1025S**

• Not classified as dangerous in the meaning of transport regulations.

**62320F**

- TDG Shipping Name: PAINT RELATED MATERIAL
- Hazard class: 3
- UN number: 1263
- Packing group: II

**4530S, 811J, 813J, 814J, 816J, 819J, 821J, 826J, 843J, 846J, 894J, 895J, 979J**

- TDG Shipping Name: PAINT RELATED MATERIAL
- Hazard class: 3
- UN number: 1263
- Packing group: III

**150K, 175K, 304S, 305S, 306S, 52320N, 52330N, 62330F, 738766K, 878J, G9900N, G9900S, P0932K**

- TDG Shipping Name: PAINT
- Hazard class: 3
- UN number: 1263
- Packing group: II

**801J, 802J, 803J, 805J, 806J, 807J, 808J, 810J, 815J, 818J, 820J, 827J, 828J, 829J, 830J, 831J, 832J, 833J, 841J, 842J, 844J, 845J, 850J, 851J, 853J, 855J, 858J, 861J, 862J, 864J, 866J, 870J, 881J, 882J, 884J, 885J, 886J, 890J, 891J, 893J, 908J, 913J, 915J**

- TDG Shipping Name: PAINT
- Hazard class: 3
- UN number: 1263
- Packing group: III

#### **15. Regulatory information**

This product has been classified according to the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by the Controlled Products Regulations.

#### **TSCA Status:**

Contact product information number for regulatory status of individual products.

#### **CEPA Status:**

Contact product information number for regulatory status of individual products.

#### **OCI:**

Contact product information number for regulatory status of individual products.

#### **WHMIS Classification:**

##### **844J**

- Class B Division 2
- Class D Division 2 Subdivision A 53
- Class D Division 2 Subdivision A 54
- Class D Division 2 Subdivision A 55
- Class D Division 2 Subdivision B 60

#### **WHMIS symbols**



##### **842J, 851J**

- Class B Division 2
- Class D Division 2 Subdivision A 53
- Class D Division 2 Subdivision A 54
- Class D Division 2 Subdivision A 55
- Class D Division 2 Subdivision B 60
- Class D Division 2 Subdivision B 61

#### **WHMIS symbols**





**150K, 175K, 304S, 305S, 306S, 52330N, 62320F, 62330F, 738766K, 801J, 803J, 811J, 815J, 818J, 827J, 845J, 846J, 881J, 908J, 913J, 915J, G9900N, G9900S, P0932K**

- Class B Division 2
- Class D Division 2 Subdivision A 53
- Class D Division 2 Subdivision A 54
- Class D Division 2 Subdivision B 60

**WHMIS symbols**



**4530S, 52320N, 802J, 805J, 806J, 807J, 808J, 810J, 813J, 814J, 816J, 819J, 820J, 821J, 826J, 828J, 829J, 830J, 831J, 832J, 833J, 841J, 843J, 850J, 853J, 855J, 858J, 861J, 862J, 864J, 866J, 870J, 878J, 882J, 884J, 885J, 886J, 890J, 891J, 893J, 894J, 895J, 979J**

- Class B Division 2
- Class D Division 2 Subdivision A 53
- Class D Division 2 Subdivision A 54
- Class D Division 2 Subdivision B 60
- Class D Division 2 Subdivision B 61

**WHMIS symbols**



**1020S, 1021S, 1024S**

- Class B Division 3
- Class D Division 2 Subdivision A 54
- Class D Division 2 Subdivision B 60

**WHMIS symbols**



**1023S**

- Class B Division 3
- Class D Division 2 Subdivision B 60

**WHMIS symbols**



**1001S, 1004S, 1005S, 1007S, 1008S, 1011S, 1012S, 1014S, 1015S, 1018S**

- Class D Division 1 Subdivision A
- Class D Division 2 Subdivision A 54
- Class D Division 2 Subdivision B 60

**WHMIS symbols**



**1003S, 1006S, 1010S, 1019S**

- Class D Division 1 Subdivision A
- Class D Division 2 Subdivision B 60

**WHMIS symbols**



**1009S, 1013S, 1025S**

- Class D Division 2 Subdivision A 54
- Class D Division 2 Subdivision B 60

**WHMIS symbols**



**1002S**

- Class D Division 2 Subdivision B 60

**WHMIS symbols**



**16. Other information**

**1001S™** Ethylene glycol monobutyl ether (7 - 13%), Mica (40 - 70%), Titanium dioxide (15 - 40%),  
Weather resistant mixture (1 - 5%)

**DENSITY: 2,486.00 WT PCT SOLIDS: 90.00 VOL PCT SOLIDS: 76.56 SOLVENT DENSITY: 902.16 VOC LE: 248.7**  
**VOC AP: 248.7 FLASH POINT: Above 93 °C H: 2 F: 2 R: 0 OSHA STORAGE: IIIB PHOTOCHEMICALLY REACTIVE: NO**

**1002S™** Heavy mineral spirits (7 - 13%), Iron oxide (30 - 60%), Mica (30 - 60%), Silane resin (1 - 5%)

**DENSITY: 2,420.00 WT PCT SOLIDS: 90.00 VOL PCT SOLIDS: 74.34 SOLVENT DENSITY: 778.96 VOC LE: 242.1**  
**VOC AP: 242.1 FLASH POINT: Above 93 °C H: 2 F: 2 R: 0 OSHA STORAGE: IIIB PHOTOCHEMICALLY REACTIVE: NO**

**1003S™** Ethylene glycol monobutyl ether (7 - 13%), Iron oxide (15 - 40%), Mica (40 - 70%), Weather resistant mixture (1 - 5%)

**DENSITY: 2,588.00 WT PCT SOLIDS: 90.00 VOL PCT SOLIDS: 71.16 SOLVENT DENSITY: 902.16 VOC LE: 258.9**  
**VOC AP: 258.9 FLASH POINT: No measurable H: 2 F: 2 R: 0 OSHA STORAGE: N/A PHOTOCHEMICALLY REACTIVE: NO**

**1004S™** Ethylene glycol monobutyl ether (7 - 13%), Mica (30 - 60%), Titanium dioxide (30 - 60%),  
Weather resistant mixture (1 - 5%)

**DENSITY: 2,539.00 WT PCT SOLIDS: 90.00 VOL PCT SOLIDS: 71.74 SOLVENT DENSITY: 902.16 VOC LE: 253.9**  
**VOC AP: 253.9 FLASH POINT: Above 93 °C H: 2 F: 2 R: 0 OSHA STORAGE: IIIB PHOTOCHEMICALLY REACTIVE: NO**

**1005S™** Ethylene glycol monobutyl ether (7 - 13%), Mica (40 - 70%), Titanium dioxide (30 - 60%),  
Weather resistant mixture (1 - 5%)

**DENSITY: 2,486.00 WT PCT SOLIDS: 90.00 VOL PCT SOLIDS: 72.38 SOLVENT DENSITY: 902.16 VOC LE: 248.7**  
**VOC AP: 248.7 FLASH POINT: Above 93 °C H: 1 F: 2 R: 0 OSHA STORAGE: IIIB PHOTOCHEMICALLY REACTIVE: NO**

**1006S™** Ethylene glycol monobutyl ether (7 - 13%), Iron oxide (30 - 60%), Mica (30 - 60%), Weather resistant mixture (1 - 5%)

**DENSITY: 2,588.00 WT PCT SOLIDS: 90.00 VOL PCT SOLIDS: 75.46 SOLVENT DENSITY: 902.16 VOC LE: 258.9**  
**VOC AP: 258.9 FLASH POINT: Above 93 °C H: 1 F: 2 R: 0 OSHA STORAGE: IIIB PHOTOCHEMICALLY REACTIVE: NO**

**1007S™** Ethylene glycol monobutyl ether (7 - 13%), Mica (30 - 60%), Titanium dioxide (30 - 60%),  
Weather resistant mixture (1 - 5%)

**DENSITY: 2,539.00 WT PCT SOLIDS: 90.00 VOL PCT SOLIDS: 71.79 SOLVENT DENSITY: 902.16 VOC LE: 253.9**  
**VOC AP: 253.9 FLASH POINT: Above 93 °C H: 2 F: 2 R: 0 OSHA STORAGE: IIIB PHOTOCHEMICALLY REACTIVE: NO**

**1008S™** Chromium(III) oxide (2:3) (7 - 13%), Ethylene glycol monobutyl ether (7 - 13%), Mica (15 - 40%),  
Titanium dioxide (30 - 60%), Weather resistant mixture (1 - 5%)

**DENSITY: 2,787.00 WT PCT SOLIDS: 90.00 VOL PCT SOLIDS: 68.96 SOLVENT DENSITY: 902.16 VOC LE: 278.7**  
**VOC AP: 278.7 FLASH POINT: No measurable H: 1 F: 2 R: 0 OSHA STORAGE: N/A PHOTOCHEMICALLY REACTIVE: NO**

**1009S™** Heavy mineral spirits (7 - 13%), Mica (30 - 60%), Titanium dioxide (rutile) (40 - 70%)

**DENSITY: 2,588.00 WT PCT SOLIDS: 90.00 VOL PCT SOLIDS: 73.03 SOLVENT DENSITY: 778.96 VOC LE: 258.9**  
**VOC AP: 258.9 FLASH POINT: Above 93 °C H: 2 F: 2 R: 0 OSHA STORAGE: IIIB PHOTOCHEMICALLY REACTIVE: NO**

**1010S™** Ethylene glycol monobutyl ether (7 - 13%), Iron oxide (40 - 70%), Mica (15 - 40%), Weather resistant mixture (1 - 5%)

**DENSITY: 3,493.00 WT PCT SOLIDS: 90.00 VOL PCT SOLIDS: 61.09 SOLVENT DENSITY: 902.16 VOC LE: 349.3**  
**VOC AP: 349.3 FLASH POINT: No measurable H: 1 F: 2 R: 0 OSHA STORAGE: N/A PHOTOCHEMICALLY REACTIVE: NO**

**1011S™** Ethylene glycol monobutyl ether (7 - 13%), Mica (30 - 60%), Titanium dioxide (30 - 60%),  
Weather resistant mixture (1 - 5%)

**DENSITY: 2,539.00 WT PCT SOLIDS: 90.00 VOL PCT SOLIDS: 76.10 SOLVENT DENSITY: 902.16 VOC LE: 253.9**  
**VOC AP: 253.9 FLASH POINT: No measurable H: 2 F: 2 R: 0 OSHA STORAGE: N/A PHOTOCHEMICALLY REACTIVE: NO**

**1012S™** Ethylene glycol monobutyl ether (7 - 13%), Mica (15 - 40%), Titanium dioxide (40 - 70%),  
Weather resistant mixture (1 - 5%)

**DENSITY: 2,550.00 WT PCT SOLIDS: 90.00 VOL PCT SOLIDS: 71.70 SOLVENT DENSITY: 902.16 VOC LE: 255.0**  
**VOC AP: 255.0 FLASH POINT: No measurable H: 2 F: 2 R: 0 OSHA STORAGE: N/A PHOTOCHEMICALLY REACTIVE: NO**

**1013S™** Chromium hydroxide (0.5 - 1.5%), Heavy mineral spirits (7 - 13%), Mica (30 - 60%), Titanium dioxide (rutile) (30 - 60%)

**DENSITY: 2,359.00 WT PCT SOLIDS: 90.00 VOL PCT SOLIDS: 69.58 SOLVENT DENSITY: 778.96 VOC LE: 236.0**  
**VOC AP: 236.0 FLASH POINT: Above 93 °C H: 2 F: 2 R: 0 OSHA STORAGE: IIIB PHOTOCHEMICALLY REACTIVE: NO**

**1014S™** Ethylene glycol monobutyl ether (7 - 13%), Mica (30 - 60%), Titanium dioxide (30 - 60%),  
Weather resistant mixture (1 - 5%)

**DENSITY: 2,496.00 WT PCT SOLIDS: 90.00 VOL PCT SOLIDS: 72.30 SOLVENT DENSITY: 902.16 VOC LE: 249.6**  
**VOC AP: 249.6 FLASH POINT: No measurable H: 2 F: 2 R: 0 OSHA STORAGE: N/A PHOTOCHEMICALLY REACTIVE: NO**

**1015S™** Chromium(III) oxide (2:3) (7 - 13%), Ethylene glycol monobutyl ether (7 - 13%), Mica (30 - 60%),  
Titanium dioxide (30 - 60%), Weather resistant mixture (1 - 5%)

**DENSITY: 2,787.00 WT PCT SOLIDS: 90.00 VOL PCT SOLIDS: 69.01 SOLVENT DENSITY: 902.16 VOC LE: 278.7**  
**VOC AP: 278.7 FLASH POINT: No measurable H: 1 F: 2 R: 0 OSHA STORAGE: N/A PHOTOCHEMICALLY REACTIVE: NO**

**1018S™** Ethylene glycol monobutyl ether (7 - 13%), Mica (30 - 60%), Tin oxide (1 - 5%), Titanium dioxide (30 - 60%),  
Weather resistant mixture (1 - 5%)

**DENSITY: 2,496.00 WT PCT SOLIDS: 90.00 VOL PCT SOLIDS: 76.43 SOLVENT DENSITY: 902.16 VOC LE: 249.6**  
**VOC AP: 249.6 FLASH POINT: No measurable H: 1 F: 2 R: 0 OSHA STORAGE: N/A PHOTOCHEMICALLY REACTIVE: NO**

**1019S™** Ethylene glycol monobutyl ether (7 - 13%), Iron oxide (30 - 60%), Mica (30 - 60%), Weather resistant mixture (1 - 5%),  
Zirconium oxide (1 - 5%)

**DENSITY: 2,692.00 WT PCT SOLIDS: 90.00 VOL PCT SOLIDS: 70.12 SOLVENT DENSITY: 902.16 VOC LE: 269.3**  
**VOC AP: 269.3 FLASH POINT: No measurable H: 2 F: 2 R: 0 OSHA STORAGE: N/A PHOTOCHEMICALLY REACTIVE: NO**

**1020S™** Aluminum oxide (40 - 70%), Amorphous silica (1 - 5%), Heavy mineral spirits (7 - 13%), Titanium dioxide (10 - 30%),  
Silane resin (3 - 7%)

**DENSITY: 2,793.00 WT PCT SOLIDS: 90.00 VOL PCT SOLIDS: 64.52 SOLVENT DENSITY: 778.96 VOC LE: 279.3**  
**VOC AP: 279.3 FLASH POINT: 60 °C to below 93 °C H: 1 F: 2 R: 0 OSHA STORAGE: IIIA PHOTOCHEMICALLY REACTIVE: NO**

**1021S™** Aluminum oxide (30 - 60%), Amorphous silica (1 - 5%), Heavy mineral spirits (7 - 13%), Titanium dioxide (30 - 60%),  
Silane resin (3 - 7%)

**DENSITY: 2,894.00 WT PCT SOLIDS: 90.00 VOL PCT SOLIDS: 60.80 SOLVENT DENSITY: 778.96 VOC LE: 289.4**  
**VOC AP: 289.4 FLASH POINT: 60 °C to below 93 °C H: 1 F: 2 R: 0 OSHA STORAGE: IIIA PHOTOCHEMICALLY REACTIVE: NO**

**1023S™** Aluminum oxide (30 - 60%), Amorphous silica (1 - 5%), Heavy mineral spirits (7 - 13%), Iron oxide (30 - 60%),  
Silane resin (3 - 7%)

**DENSITY: 2,894.00 WT PCT SOLIDS: 90.00 VOL PCT SOLIDS: 62.83 SOLVENT DENSITY: 778.96 VOC LE: 289.4**  
**VOC AP: 289.4 FLASH POINT: 60 °C to below 93 °C H: 1 F: 2 R: 0 OSHA STORAGE: IIIA PHOTOCHEMICALLY REACTIVE: NO**

**1024S™** Aluminum oxide (30 - 60%), Amorphous silica (1 - 5%), Heavy mineral spirits (7 - 13%), Tin oxide (1 - 5%),  
Titanium dioxide (30 - 60%), Silane resin (3 - 7%)

**DENSITY: 2,196.00 WT PCT SOLIDS: 90.00 VOL PCT SOLIDS: 76.14 SOLVENT DENSITY: 778.96 VOC LE: 219.7**  
**VOC AP: 219.7 FLASH POINT: 60 °C to below 93 °C H: 1 F: 2 R: 0 OSHA STORAGE: IIIA PHOTOCHEMICALLY REACTIVE: NO**

**1025S™** Aluminum oxide (15 - 40%), Amorphous silica (1 - 5%), Heavy mineral spirits (7 - 13%), Titanium dioxide (40 - 70%),  
Silane resin (1 - 5%)

**DENSITY: 2,700.00 WT PCT SOLIDS: 90.00 VOL PCT SOLIDS: 72.20 SOLVENT DENSITY: 778.96 VOC LE: 270.0**  
**VOC AP: 270.0 FLASH POINT: Above 93 °C H: 1 F: 2 R: 0 OSHA STORAGE: IIIB PHOTOCHEMICALLY REACTIVE: NO**

**150K™** Acetone (10 - 30%), Acrylic polymer-B (1 - 5%), n-Butyl acetate (10 - 30%), Cellulose acetate butyrate (1 - 5%),  
Ethyl acetate (1 - 5%), Ethylbenzene (1 - 5%), Isopropyl alcohol (1 - 5%), Polyethylene/vinyl acetate (1 - 5%), Toluene (15 - 40%),  
Xylene (10 - 30%)

**DENSITY: 874.00 WT PCT SOLIDS: 9.67 VOL PCT SOLIDS: 7.50 SOLVENT DENSITY: 853.26 VOC LE: 788.8**  
**VOC AP: 621.7 FLASH POINT: -7 °C to below 23 °C H: 2 F: 3 R: 0 OSHA STORAGE: IB PHOTOCHEMICALLY REACTIVE: YES**

**175K™** Acetone (10 - 30%), Acrylic polymer-C (15 - 40%), n-Butyl acetate (10 - 30%), Cellulose acetate butyrate (0.5 - 1.5%), Ethylbenzene (0.5 - 1.5%), Methyl ethyl ketone (3 - 7%), Toluene (15 - 40%), Xylene (3 - 7%)  
**DENSITY: 920.00 WT PCT SOLIDS: 31.25 VOL PCT SOLIDS: 25.56 SOLVENT DENSITY: 850.03 VOC LE: 602.8**  
**VOC AP: 506.3 FLASH POINT: -7 °C to below 23 °C H: 2 F: 3 R: 0 OSHA STORAGE: IB PHOTOCHEMICALLY REACTIVE: YES**

**304S™** Acetone (15 - 40%), Amorphous silica - precipitated (1 - 5%), n-Butyl acetate (10 - 30%), Dimethyl glutarate (1 - 5%), Epoxidized soybean oil (1 - 5%), Ethylbenzene (1 - 5%), Heptane (1 - 5%), Methyl ethyl ketone (7 - 13%), Toluene (0.5 - 1.5%), Vinyl chloride - acetate polymer (7 - 13%), VM&P Naphtha (7 - 13%), Xylene (7 - 13%)  
**DENSITY: 866.00 WT PCT SOLIDS: 14.93 VOL PCT SOLIDS: 9.48 SOLVENT DENSITY: 815.27 VOC LE: 709.3**  
**VOC AP: 481.2 FLASH POINT: Below -7 °C H: 2 F: 3 R: 0 OSHA STORAGE: IB PHOTOCHEMICALLY REACTIVE: YES**

**305S™** Acetone (15 - 40%), Amorphous silica - precipitated (0.5 - 1.5%), n-Butyl acetate (10 - 30%), Dimethyl glutarate (1 - 5%), Epoxidized soybean oil (1 - 5%), Ethylbenzene (1 - 5%), Heptane (1 - 5%), Methyl ethyl ketone (7 - 13%), Toluene (0.5 - 1.5%), Vinyl chloride - acetate polymer (7 - 13%), VM&P Naphtha (7 - 13%), Xylene (7 - 13%)  
**DENSITY: 854.00 WT PCT SOLIDS: 12.69 VOL PCT SOLIDS: 8.39 SOLVENT DENSITY: 815.03 VOC LE: 722.4**  
**VOC AP: 487.4 FLASH POINT: Below -7 °C H: 2 F: 3 R: 0 OSHA STORAGE: IB PHOTOCHEMICALLY REACTIVE: YES**

**306S™** Acetone (15 - 40%), n-Butyl acetate (10 - 30%), Dimethyl glutarate (1 - 5%), Epoxidized soybean oil (1 - 5%), Ethylbenzene (1 - 5%), Heptane (1 - 5%), Methyl ethyl ketone (7 - 13%), Toluene (0.5 - 1.5%), Vinyl chloride - acetate polymer (7 - 13%), VM&P Naphtha (7 - 13%), Xylene (7 - 13%)  
**DENSITY: 850.00 WT PCT SOLIDS: 11.70 VOL PCT SOLIDS: 7.92 SOLVENT DENSITY: 815.39 VOC LE: 728.0**  
**VOC AP: 489.8 FLASH POINT: Below -7 °C H: 2 F: 3 R: 0 OSHA STORAGE: IB PHOTOCHEMICALLY REACTIVE: YES**

**4530S™** Acrylic polymer-A (30 - 60%), Amorphous silica - precipitated (5 - 10%), n-Butyl acetate (10 - 30%), Ethylbenzene (1 - 5%), Aliphatic hydrocarbon (10 - 30%), Isobutyl alcohol (10 - 30%), Xylene (10 - 30%)  
**DENSITY: 963.00 WT PCT SOLIDS: 44.13 VOL PCT SOLIDS: 35.32 SOLVENT DENSITY: 831.57 VOC LE: 538.1**  
**VOC AP: 537.8 FLASH POINT: 24 °C to below 38 °C H: 2 F: 3 R: 0 OSHA STORAGE: IC PHOTOCHEMICALLY REACTIVE: YES**

**52320N™** Acrylic polymer-A (30 - 60%), bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate (0.5 - 1.5%), 2-(2-butoxyethoxy)ethanol (1 - 5%), Ethyl acetate (1 - 5%), Ethylbenzene (0.1 - 1.0%), Methyl amyl ketone (15 - 40%), Methyl ethyl ketone (7 - 13%), Propylene glycol monomethyl ethyl acetate (3 - 7%), Xylene (0.5 - 1.5%)  
**DENSITY: 956.00 WT PCT SOLIDS: 52.24 VOL PCT SOLIDS: 44.98 SOLVENT DENSITY: 833.49 VOC LE: 456.7**  
**VOC AP: 456.7 FLASH POINT: -7 °C to below 23 °C H: 2 F: 3 R: 0 OSHA STORAGE: IB PHOTOCHEMICALLY REACTIVE: NO**

**52330N™** Acrylic polymer-A (30 - 60%), n-Butyl acetate (0.5 - 1.5%), Ethylbenzene (0.1 - 1.0%), Methyl amyl ketone (15 - 40%), Methyl ethyl ketone (7 - 13%), Propylene glycol monomethyl ethyl acetate (7 - 13%), Xylene (0.5 - 1.5%)  
**DENSITY: 948.00 WT PCT SOLIDS: 46.02 VOL PCT SOLIDS: 38.69 SOLVENT DENSITY: 837.56 VOC LE: 511.6**  
**VOC AP: 511.6 FLASH POINT: -7 °C to below 23 °C H: 2 F: 3 R: 0 OSHA STORAGE: IB PHOTOCHEMICALLY REACTIVE: NO**

**62320F™** Acetone (7 - 13%), n-Butyl acetate (30 - 60%), Cellulose acetate butyrate (3 - 7%), Ethylbenzene (3 - 7%), Methyl amyl ketone (1 - 5%), Polyester resin-A (3 - 7%), Polyethylene/vinyl acetate (1 - 5%), Xylene (10 - 30%)  
**DENSITY: 888.00 WT PCT SOLIDS: 13.76 VOL PCT SOLIDS: 11.08 SOLVENT DENSITY: 862.61 VOC LE: 761.8**  
**VOC AP: 660.1 FLASH POINT: -7 °C to below 23 °C H: 2 F: 3 R: 0 OSHA STORAGE: IB PHOTOCHEMICALLY REACTIVE: YES**

**62330F™** Acetone (7 - 13%), Acrylic polymer-A (1 - 5%), n-Butyl acetate (30 - 60%), Carbamate resin (1 - 5%), Cellulose acetate butyrate (3 - 7%), Ethylbenzene (1 - 5%), Isobutyl alcohol (1 - 5%), Melamine resin (1 - 5%), Methyl amyl ketone (1 - 5%), Polyester resin-A (5 - 10%), Polyethylene/vinyl acetate (1 - 5%), Xylene (10 - 30%)  
**DENSITY: 905.00 WT PCT SOLIDS: 21.90 VOL PCT SOLIDS: 17.69 SOLVENT DENSITY: 860.57 VOC LE: 693.4**  
**VOC AP: 599.6 FLASH POINT: -7 °C to below 23 °C H: 2 F: 3 R: 0 OSHA STORAGE: IB PHOTOCHEMICALLY REACTIVE: YES**

**738766K™** Acetone (5 - 10%), Acrylic polymer-A (10 - 30%), Amorphous silica - precipitated (1 - 5%), n-Butyl acetate (15 - 40%), Carbamate resin (0.5 - 1.5%), Cellulose acetate butyrate (1 - 5%), Ethylbenzene (3 - 7%), Aliphatic hydrocarbon (1 - 5%), Isobutyl alcohol (1 - 5%), Melamine resin (0.5 - 1.5%), Polyester resin-B (3 - 7%), Polyethylene/vinyl acetate (1 - 5%), Titanium dioxide (0.1 - 1.0%), Xylene (10 - 30%)  
**DENSITY: 937.00 WT PCT SOLIDS: 29.68 VOL PCT SOLIDS: 23.08 SOLVENT DENSITY: 857.46 VOC LE: 646.2**  
**VOC AP: 589.1 FLASH POINT: -7 °C to below 23 °C H: 2 F: 3 R: 0 OSHA STORAGE: IB PHOTOCHEMICALLY REACTIVE: YES**

**801J™** Acrylic polymer-A (10 - 30%), Aluminum hydroxide (1 - 5%), Amorphous silica (1 - 5%), n-Butyl acetate (3 - 7%), Ethylbenzene (1 - 5%), Titanium dioxide (30 - 60%), Xylene (10 - 30%)  
**DENSITY: 1,618.00 WT PCT SOLIDS: 73.51 VOL PCT SOLIDS: 50.71 SOLVENT DENSITY: 868.72 VOC LE: 428.4**  
**VOC AP: 428.4 FLASH POINT: 24 °C to below 38 °C H: 2 F: 3 R: 0 OSHA STORAGE: IC PHOTOCHEMICALLY REACTIVE: YES**

**802J™** Acrylic polymer-A (30 - 60%), n-Butyl acetate (7 - 13%), Ethylbenzene (5 - 10%), Methyl methacrylate (0.5 - 1.5%), Titanium dioxide (3 - 7%), Xylene (15 - 40%)

**DENSITY: 1,019.00 WT PCT SOLIDS: 54.52 VOL PCT SOLIDS: 46.72 SOLVENT DENSITY: 869.68 VOC LE: 463.2**  
**VOC AP: 463.2 FLASH POINT: 24 °C to below 38 °C H: 2 F: 3 R: 0 OSHA STORAGE: IC PHOTOCHEMICALLY REACTIVE:**  
**YES**

**803J™** Acrylic polymer-A (10 - 30%), Aluminum oxide (1 - 5%), n-Butyl acetate (7 - 13%), Ethylbenzene (3 - 7%), Titanium dioxide (15 - 40%), Xylene (10 - 30%)

**DENSITY: 1,326.00 WT PCT SOLIDS: 60.27 VOL PCT SOLIDS: 39.38 SOLVENT DENSITY: 868.24 VOC LE: 527.1**  
**VOC AP: 526.9 FLASH POINT: 24 °C to below 38 °C H: 2 F: 3 R: 0 OSHA STORAGE: IC PHOTOCHEMICALLY REACTIVE:**  
**YES**

**805J™** Acrylic polymer-A (30 - 60%), n-Butyl acetate (7 - 13%), Carbon black (3 - 7%), Ethylbenzene (5 - 10%), Xylene (15 - 40%)

**DENSITY: 991.00 WT PCT SOLIDS: 50.34 VOL PCT SOLIDS: 43.42 SOLVENT DENSITY: 869.20 VOC LE: 492.1**  
**VOC AP: 492.1 FLASH POINT: 24 °C to below 38 °C H: 2 F: 3 R: 0 OSHA STORAGE: IC PHOTOCHEMICALLY REACTIVE:**  
**YES**

**806J™** Acrylic polymer-A (30 - 60%), Aluminum benzoate (1 - 5%), n-Butyl acetate (7 - 13%), Carbon black (1 - 5%), Ethylbenzene (5 - 10%), Xylene (15 - 40%)

**DENSITY: 987.00 WT PCT SOLIDS: 49.15 VOL PCT SOLIDS: 42.25 SOLVENT DENSITY: 869.08 VOC LE: 502.0**  
**VOC AP: 502.0 FLASH POINT: 24 °C to below 38 °C H: 2 F: 3 R: 0 OSHA STORAGE: IC PHOTOCHEMICALLY REACTIVE:**  
**YES**

**807J™** Acrylic polymer-A (30 - 60%), n-Butyl acetate (7 - 13%), Carbon black (0.1 - 1.0%), Ethylbenzene (5 - 10%), Methyl methacrylate (0.5 - 1.5%), Xylene (15 - 40%)

**DENSITY: 975.00 WT PCT SOLIDS: 49.90 VOL PCT SOLIDS: 43.78 SOLVENT DENSITY: 869.32 VOC LE: 488.6**  
**VOC AP: 488.6 FLASH POINT: 24 °C to below 38 °C H: 2 F: 3 R: 0 OSHA STORAGE: IC PHOTOCHEMICALLY REACTIVE:**  
**YES**

**808J™** Acrylic polymer-A (10 - 30%), n-Butyl acetate (7 - 13%), Ethylbenzene (7 - 13%), Graphite (10 - 30%), Primary amyl acetate (0.5 - 1.5%), Xylene (15 - 40%)

**DENSITY: 1,047.00 WT PCT SOLIDS: 44.30 VOL PCT SOLIDS: 32.88 SOLVENT DENSITY: 854.34 VOC LE: 583.4**  
**VOC AP: 583.4 FLASH POINT: 24 °C to below 38 °C H: 2 F: 3 R: 0 OSHA STORAGE: IC PHOTOCHEMICALLY REACTIVE:**  
**YES**

**810J™** 1,2,4-trimethylbenzene (0.5 - 1.5%), Acrylic polymer-A (15 - 40%), Aluminum (10 - 30%), Aromatic hydrocarbon-A (1 - 5%), n-Butyl acetate (7 - 13%), Ethylbenzene (5 - 10%), Aromatic hydrocarbon-B (3 - 7%), Xylene (15 - 40%)

**DENSITY: 1,042.00 WT PCT SOLIDS: 47.18 VOL PCT SOLIDS: 35.92 SOLVENT DENSITY: 860.81 VOC LE: 550.5**  
**VOC AP: 550.5 FLASH POINT: 24 °C to below 38 °C H: 2 F: 3 R: 1 OSHA STORAGE: IC PHOTOCHEMICALLY REACTIVE:**  
**YES**

**811J™** 1,2,4-trimethylbenzene (1 - 5%), Acrylic polymer-A (10 - 30%), Aluminum (10 - 30%), Aromatic hydrocarbon-A (3 - 7%), n-Butyl acetate (7 - 13%), Cumene (0.1 - 1.0%), Ethylbenzene (3 - 7%), Aromatic hydrocarbon-B (3 - 7%), Xylene (10 - 30%)

**DENSITY: 1,101.00 WT PCT SOLIDS: 46.40 VOL PCT SOLIDS: 31.53 SOLVENT DENSITY: 859.97 VOC LE: 590.2**  
**VOC AP: 590.2 FLASH POINT: 24 °C to below 38 °C H: 2 F: 3 R: 0 OSHA STORAGE: IC PHOTOCHEMICALLY REACTIVE:**  
**YES**

**813J™** 1,2,4-trimethylbenzene (1 - 5%), Acrylic polymer-A (15 - 40%), Aluminum (10 - 30%), Aromatic hydrocarbon-A (1 - 5%), n-Butyl acetate (5 - 10%), Cumene (0.1 - 1.0%), Ethylbenzene (5 - 10%), Stoddard solvent (3 - 7%), Xylene (10 - 30%)

**DENSITY: 1,065.00 WT PCT SOLIDS: 47.72 VOL PCT SOLIDS: 34.49 SOLVENT DENSITY: 855.54 VOC LE: 557.0**  
**VOC AP: 556.9 FLASH POINT: 24 °C to below 38 °C H: 2 F: 3 R: 1 OSHA STORAGE: IC PHOTOCHEMICALLY REACTIVE:**  
**YES**

**814J™** 1,2,4-trimethylbenzene (1 - 5%), Acrylic polymer-A (10 - 30%), Aluminum (10 - 30%), Aromatic hydrocarbon-A (1 - 5%), n-Butyl acetate (5 - 10%), Ethylbenzene (5 - 10%), Stoddard solvent (3 - 7%), Xylene (15 - 40%)

**DENSITY: 1,095.00 WT PCT SOLIDS: 48.94 VOL PCT SOLIDS: 35.90 SOLVENT DENSITY: 880.46 VOC LE: 559.2**  
**VOC AP: 559.2 FLASH POINT: 24 °C to below 38 °C H: 2 F: 3 R: 1 OSHA STORAGE: IC PHOTOCHEMICALLY REACTIVE:**  
**YES**

**815J™** Acrylic polymer-A (10 - 30%), Aluminum (0.5 - 1.5%), n-Butyl acetate (3 - 7%), Calcined kaolin (30 - 60%), Ethylbenzene (3 - 7%), Xylene (10 - 30%)

**DENSITY: 1,313.00 WT PCT SOLIDS: 68.73 VOL PCT SOLIDS: 52.71 SOLVENT DENSITY: 867.52 VOC LE: 410.6**  
**VOC AP: 410.6 FLASH POINT: 24 °C to below 38 °C H: 2 F: 3 R: 0 OSHA STORAGE: IC PHOTOCHEMICALLY REACTIVE:**  
**YES**

**816J™** 1,2,4-trimethylbenzene (1 - 5%), Acrylic polymer-A (15 - 40%), Aluminum (10 - 30%), Aromatic hydrocarbon-A (1 - 5%), n-Butyl acetate (7 - 13%), Ethylbenzene (5 - 10%), Stoddard solvent (3 - 7%), Xylene (15 - 40%)  
**DENSITY: 1,048.00 WT PCT SOLIDS: 45.57 VOL PCT SOLIDS: 34.05 SOLVENT DENSITY: 859.25 VOC LE: 570.7**  
**VOC AP: 570.6 FLASH POINT: 24 °C to below 38 °C H: 2 F: 3 R: 1 OSHA STORAGE: IC PHOTOCHEMICALLY REACTIVE:**  
**YES**

**818J™** Acrylic polymer-A (10 - 30%), n-Butyl acetate (3 - 7%), Calcined kaolin (30 - 60%), Ethylbenzene (3 - 7%), Xylene (10 - 30%)  
**DENSITY: 1,347.00 WT PCT SOLIDS: 70.84 VOL PCT SOLIDS: 54.83 SOLVENT DENSITY: 868.60 VOC LE: 392.7**  
**VOC AP: 392.7 FLASH POINT: 24 °C to below 38 °C H: 2 F: 3 R: 0 OSHA STORAGE: IC PHOTOCHEMICALLY REACTIVE:**  
**YES**

**819J™** Acrylic polymer-A (15 - 40%), Aluminum (10 - 30%), Aromatic hydrocarbon-A (0.5 - 1.5%), n-Butyl acetate (7 - 13%), Ethylbenzene (5 - 10%), Stoddard solvent (5 - 10%), Xylene (15 - 40%)  
**DENSITY: 1,080.00 WT PCT SOLIDS: 47.95 VOL PCT SOLIDS: 35.26 SOLVENT DENSITY: 874.83 VOC LE: 561.9**  
**VOC AP: 561.9 FLASH POINT: 24 °C to below 38 °C H: 2 F: 3 R: 0 OSHA STORAGE: IC PHOTOCHEMICALLY REACTIVE:**  
**YES**

**820J™** Acrylic polymer-A (15 - 40%), n-Butyl acetate (10 - 30%), Carbazole violet pigment (3 - 7%), Ethylbenzene (7 - 13%), Primary amyl acetate (1 - 5%), Xylene (30 - 60%)  
**DENSITY: 953.00 WT PCT SOLIDS: 35.50 VOL PCT SOLIDS: 29.29 SOLVENT DENSITY: 867.88 VOC LE: 614.4**  
**VOC AP: 614.4 FLASH POINT: 24 °C to below 38 °C H: 2 F: 3 R: 0 OSHA STORAGE: IC PHOTOCHEMICALLY REACTIVE:**  
**YES**

**821J™** Acrylic polymer-A (15 - 40%), n-Butyl acetate (10 - 30%), C. I. pigment blue 60 (5 - 10%), Ethylbenzene (7 - 13%), Primary amyl acetate (0.5 - 1.5%), Rosin, hydrogenated (0.5 - 1.5%), Xylene (15 - 40%)  
**DENSITY: 967.00 WT PCT SOLIDS: 39.35 VOL PCT SOLIDS: 32.56 SOLVENT DENSITY: 868.72 VOC LE: 586.5**  
**VOC AP: 586.5 FLASH POINT: 24 °C to below 38 °C H: 2 F: 3 R: 0 OSHA STORAGE: IC PHOTOCHEMICALLY REACTIVE:**  
**YES**

**826J™** Acrylic polymer-A (10 - 30%), n-Butyl acetate (10 - 30%), Ethylbenzene (7 - 13%), Phthalocyanine blue pigment-B (5 - 10%), Primary amyl acetate (1 - 5%), Xylene (30 - 60%)  
**DENSITY: 954.00 WT PCT SOLIDS: 32.15 VOL PCT SOLIDS: 25.52 SOLVENT DENSITY: 868.12 VOC LE: 647.1**  
**VOC AP: 647.1 FLASH POINT: 24 °C to below 38 °C H: 2 F: 3 R: 0 OSHA STORAGE: IC PHOTOCHEMICALLY REACTIVE:**  
**YES**

**827J™** Acrylic polymer-A (10 - 30%), n-Butyl acetate (10 - 30%), Ethylbenzene (7 - 13%), Phthalocyanine blue pigment-A (5 - 10%), Primary amyl acetate (1 - 5%), Xylene (30 - 60%)  
**DENSITY: 953.00 WT PCT SOLIDS: 29.68 VOL PCT SOLIDS: 22.94 SOLVENT DENSITY: 868.72 VOC LE: 669.8**  
**VOC AP: 669.8 FLASH POINT: 24 °C to below 38 °C H: 2 F: 3 R: 0 OSHA STORAGE: IC PHOTOCHEMICALLY REACTIVE:**  
**YES**

**828J™** Acrylic polymer-A (15 - 40%), n-Butyl acetate (10 - 30%), Ethylbenzene (7 - 13%), Phthalocyanine blue pigment-B (7 - 13%), Primary amyl acetate (1 - 5%), Xylene (30 - 60%)  
**DENSITY: 973.00 WT PCT SOLIDS: 36.27 VOL PCT SOLIDS: 28.67 SOLVENT DENSITY: 868.84 VOC LE: 620.1**  
**VOC AP: 620.1 FLASH POINT: 24 °C to below 38 °C H: 2 F: 3 R: 0 OSHA STORAGE: IC PHOTOCHEMICALLY REACTIVE:**  
**YES**

**829J™** Acrylic polymer-A (15 - 40%), n-Butyl acetate (10 - 30%), Ethylbenzene (5 - 10%), Phthalocyanine blue pigment-B (7 - 13%), Proprietary copper compound (0.5 - 1.5%), Xylene (15 - 40%)  
**DENSITY: 1,002.00 WT PCT SOLIDS: 46.84 VOL PCT SOLIDS: 38.73 SOLVENT DENSITY: 868.48 VOC LE: 532.4**  
**VOC AP: 532.4 FLASH POINT: 24 °C to below 38 °C H: 2 F: 3 R: 0 OSHA STORAGE: IC PHOTOCHEMICALLY REACTIVE:**  
**YES**

**830J™** Acrylic polymer-A (15 - 40%), n-Butyl acetate (10 - 30%), Ethylbenzene (7 - 13%), Phthalocyanine green pigment-A (7 - 13%), Primary amyl acetate (1 - 5%), Xylene (15 - 40%)  
**DENSITY: 992.00 WT PCT SOLIDS: 38.53 VOL PCT SOLIDS: 29.83 SOLVENT DENSITY: 873.39 VOC LE: 609.9**  
**VOC AP: 609.9 FLASH POINT: 24 °C to below 38 °C H: 2 F: 3 R: 0 OSHA STORAGE: IC PHOTOCHEMICALLY REACTIVE:**  
**YES**

**831J™** Acrylic polymer-A (30 - 60%), n-Butyl acetate (7 - 13%), Ethylbenzene (5 - 10%), Phthalocyanine green pigment-A (1 - 5%), Xylene (15 - 40%)  
**DENSITY: 986.00 WT PCT SOLIDS: 51.10 VOL PCT SOLIDS: 44.54 SOLVENT DENSITY: 869.44 VOC LE: 482.2**  
**VOC AP: 482.2 FLASH POINT: 24 °C to below 38 °C H: 2 F: 3 R: 0 OSHA STORAGE: IC PHOTOCHEMICALLY REACTIVE:**  
**YES**

**832J™** Acrylic polymer-A (15 - 40%), n-Butyl acetate (10 - 30%), Ethylbenzene (5 - 10%), Phthalocyanine green pigment-B (7 - 13%), Primary amyl acetate (0.5 - 1.5%), Xylene (15 - 40%)  
**DENSITY: 1,027.00 WT PCT SOLIDS: 45.38 VOL PCT SOLIDS: 35.53 SOLVENT DENSITY: 868.72 VOC LE: 560.4**  
**VOC AP: 559.8 FLASH POINT: 24 °C to below 38 °C H: 2 F: 3 R: 0 OSHA STORAGE: IC PHOTOCHEMICALLY REACTIVE: YES**

**833J™** Acrylic polymer-A (15 - 40%), Azomethine copper-complex (5 - 10%), n-Butyl acetate (10 - 30%), Ethylbenzene (7 - 13%), Primary amyl acetate (1 - 5%), Xylene (30 - 60%)  
**DENSITY: 959.00 WT PCT SOLIDS: 34.68 VOL PCT SOLIDS: 27.94 SOLVENT DENSITY: 868.12 VOC LE: 626.2**  
**VOC AP: 626.0 FLASH POINT: 24 °C to below 38 °C H: 2 F: 3 R: 0 OSHA STORAGE: IC PHOTOCHEMICALLY REACTIVE: YES**

**841J™** Acrylic polymer-A (15 - 40%), n-Butyl acetate (10 - 30%), Ethylbenzene (5 - 10%), Isoindolinone yellow pigment (10 - 30%), Primary amyl acetate (0.5 - 1.5%), Xylene (15 - 40%)  
**DENSITY: 1,028.00 WT PCT SOLIDS: 47.99 VOL PCT SOLIDS: 38.49 SOLVENT DENSITY: 868.48 VOC LE: 534.7**  
**VOC AP: 534.7 FLASH POINT: 24 °C to below 38 °C H: 2 F: 3 R: 0 OSHA STORAGE: IC PHOTOCHEMICALLY REACTIVE: YES**

**842J™** Acrylic polymer-A (10 - 30%), Amorphous silica (1 - 5%), Diantimony trioxide (1 - 5%), n-Butyl acetate (5 - 10%), Ethylbenzene (3 - 7%), Lead sulfochromate yellow (30 - 60%), Xylene (10 - 30%)  
**DENSITY: 1,511.00 WT PCT SOLIDS: 66.50 VOL PCT SOLIDS: 41.79 SOLVENT DENSITY: 868.48 VOC LE: 506.1**  
**VOC AP: 506.1 FLASH POINT: 24 °C to below 38 °C H: 2 F: 3 R: 0 OSHA STORAGE: IC PHOTOCHEMICALLY REACTIVE: YES**

**843J™** Acrylic polymer-A (15 - 40%), n-Butyl acetate (10 - 30%), C. I. pigment yellow 154 (10 - 30%), Ethylbenzene (5 - 10%), Primary amyl acetate (0.5 - 1.5%), Xylene (15 - 40%)  
**DENSITY: 1,013.00 WT PCT SOLIDS: 46.54 VOL PCT SOLIDS: 37.67 SOLVENT DENSITY: 867.88 VOC LE: 541.2**  
**VOC AP: 541.2 FLASH POINT: 24 °C to below 38 °C H: 2 F: 3 R: 0 OSHA STORAGE: IC PHOTOCHEMICALLY REACTIVE: YES**

**844J™** Acrylic polymer-A (10 - 30%), n-Butyl acetate (3 - 7%), Ethylbenzene (3 - 7%), Lead sulfochromate yellow (40 - 70%), Xylene (10 - 30%)  
**DENSITY: 1,500.00 WT PCT SOLIDS: 70.15 VOL PCT SOLIDS: 48.46 SOLVENT DENSITY: 868.48 VOC LE: 447.8**  
**VOC AP: 447.8 FLASH POINT: 24 °C to below 38 °C H: 2 F: 3 R: 0 OSHA STORAGE: IC PHOTOCHEMICALLY REACTIVE: YES**

**845J™** 2-methylbutyl acetate (0.5 - 1.5%), Acrylic polymer-A (10 - 30%), n-Butyl acetate (10 - 30%), Ethylbenzene (7 - 13%), Primary amyl acetate (1 - 5%), Tetrachloroisosolinone yellow pigment (5 - 10%), Xylene (30 - 60%)  
**DENSITY: 945.00 WT PCT SOLIDS: 27.07 VOL PCT SOLIDS: 20.65 SOLVENT DENSITY: 868.48 VOC LE: 689.6**  
**VOC AP: 689.4 FLASH POINT: 24 °C to below 38 °C H: 2 F: 3 R: 0 OSHA STORAGE: IC PHOTOCHEMICALLY REACTIVE: YES**

**846J™** Acrylic polymer-A (10 - 30%), n-Butyl acetate (10 - 30%), Ethylbenzene (5 - 10%), Isoindolinone pigment (15 - 40%), Primary amyl acetate (0.5 - 1.5%), Titanium dioxide (0.5 - 1.5%), Xylene (15 - 40%)  
**DENSITY: 1,048.00 WT PCT SOLIDS: 48.47 VOL PCT SOLIDS: 37.85 SOLVENT DENSITY: 868.36 VOC LE: 540.2**  
**VOC AP: 540.2 FLASH POINT: 24 °C to below 38 °C H: 2 F: 3 R: 0 OSHA STORAGE: IC PHOTOCHEMICALLY REACTIVE: YES**

**850J™** Acrylic polymer-A (15 - 40%), n-Butyl acetate (10 - 30%), C. I. pigment red 254 (10 - 30%), Ethylbenzene (5 - 10%), Primary amyl acetate (0.5 - 1.5%), Xylene (15 - 40%)  
**DENSITY: 1,013.00 WT PCT SOLIDS: 47.20 VOL PCT SOLIDS: 38.50 SOLVENT DENSITY: 868.36 VOC LE: 534.6**  
**VOC AP: 534.6 FLASH POINT: 24 °C to below 38 °C H: 2 F: 3 R: 0 OSHA STORAGE: IC PHOTOCHEMICALLY REACTIVE: YES**

**851J™** Acrylic polymer-A (15 - 40%), Diantimony trioxide (1 - 5%), n-Butyl acetate (5 - 10%), Ethylbenzene (3 - 7%), Lead chromate Molybdate (15 - 40%), Quartz (SiO<sub>2</sub>)(1 - 5%), Xylene (10 - 30%)  
**DENSITY: 1,366.00 WT PCT SOLIDS: 65.10 VOL PCT SOLIDS: 45.15 SOLVENT DENSITY: 869.08 VOC LE: 476.7**  
**VOC AP: 476.7 FLASH POINT: 24 °C to below 38 °C H: 2 F: 3 R: 0 OSHA STORAGE: IC PHOTOCHEMICALLY REACTIVE: YES**

**853J™** Acrylic polymer-A (15 - 40%), n-Butyl acetate (10 - 30%), Ethylbenzene (5 - 10%), Monoazo pigment (10 - 30%), Primary amyl acetate (0.5 - 1.5%), Xylene (15 - 40%)  
**DENSITY: 1,028.00 WT PCT SOLIDS: 48.03 VOL PCT SOLIDS: 38.55 SOLVENT DENSITY: 868.36 VOC LE: 534.2**  
**VOC AP: 534.2 FLASH POINT: 24 °C to below 38 °C H: 2 F: 3 R: 0 OSHA STORAGE: IC PHOTOCHEMICALLY REACTIVE: YES**

**855J™** Acrylic polymer-A (15 - 40%), n-Butyl acetate (10 - 30%), Ethylbenzene (7 - 13%), Naphthenic acid, nickel salt (0.5 - 1.5%), Perylene pigment (5 - 10%), Primary amyl acetate (0.5 - 1.5%), Xylene (15 - 40%)

**DENSITY: 978.00 WT PCT SOLIDS: 39.16 VOL PCT SOLIDS: 31.59 SOLVENT DENSITY: 868.60 VOC LE: 594.9**

**VOC AP: 594.9 FLASH POINT: 24 °C to below 38 °C H: 2 F: 3 R: 0 OSHA STORAGE: IC PHOTOCHEMICALLY REACTIVE: YES**

**858J™** Acrylic polymer-A (30 - 60%), n-Butyl acetate (10 - 30%), Ethylbenzene (5 - 10%), Perylene pigment (5 - 10%), Xylene (15 - 40%)

**DENSITY: 993.00 WT PCT SOLIDS: 48.71 VOL PCT SOLIDS: 41.36 SOLVENT DENSITY: 868.84 VOC LE: 509.4**

**VOC AP: 509.4 FLASH POINT: 24 °C to below 38 °C H: 2 F: 3 R: 0 OSHA STORAGE: IC PHOTOCHEMICALLY REACTIVE: YES**

**861J™** Acrylic polymer-A (15 - 40%), n-Butyl acetate (10 - 30%), C. I. pigment red 254 (1 - 5%), Ethylbenzene (7 - 13%), Pigment red 202 (0.5 - 1.5%), Primary amyl acetate (0.5 - 1.5%), Substituted pyrrolpyrrol (1 - 5%), Xylene (15 - 40%)

**DENSITY: 967.00 WT PCT SOLIDS: 38.95 VOL PCT SOLIDS: 32.07 SOLVENT DENSITY: 867.76 VOC LE: 590.3**

**VOC AP: 590.3 FLASH POINT: 24 °C to below 38 °C H: 2 F: 3 R: 0 OSHA STORAGE: IC PHOTOCHEMICALLY REACTIVE: YES**

**862J™** Acrylic polymer-A (15 - 40%), n-Butyl acetate (10 - 30%), Ethylbenzene (7 - 13%), Primary amyl acetate (0.5 - 1.5%), Quinacridone magenta (1 - 5%), Quinacridone pigment (3 - 7%), Xylene (15 - 40%)

**DENSITY: 963.00 WT PCT SOLIDS: 39.04 VOL PCT SOLIDS: 32.40 SOLVENT DENSITY: 867.52 VOC LE: 587.3**

**VOC AP: 587.2 FLASH POINT: 24 °C to below 38 °C H: 2 F: 3 R: 0 OSHA STORAGE: IC PHOTOCHEMICALLY REACTIVE: YES**

**864J™** Acrylic polymer-A (15 - 40%), n-Butyl acetate (10 - 30%), Ethylbenzene (7 - 13%), Pigment red 202 (3 - 7%), Primary amyl acetate (0.5 - 1.5%), Quinacridone pigment (1 - 5%), Xylene (15 - 40%)

**DENSITY: 971.00 WT PCT SOLIDS: 39.23 VOL PCT SOLIDS: 32.12 SOLVENT DENSITY: 868.48 VOC LE: 589.9**

**VOC AP: 589.7 FLASH POINT: 24 °C to below 38 °C H: 2 F: 3 R: 0 OSHA STORAGE: IC PHOTOCHEMICALLY REACTIVE: YES**

**866J™** Acrylic polymer-A (15 - 40%), n-Butyl acetate (10 - 30%), Ethylbenzene (5 - 10%), Primary amyl acetate (0.5 - 1.5%), Quinacridone pigment (7 - 13%), Xylene (15 - 40%)

**DENSITY: 992.00 WT PCT SOLIDS: 45.83 VOL PCT SOLIDS: 38.13 SOLVENT DENSITY: 868.48 VOC LE: 537.5**

**VOC AP: 537.5 FLASH POINT: 24 °C to below 38 °C H: 2 F: 3 R: 0 OSHA STORAGE: IC PHOTOCHEMICALLY REACTIVE: YES**

**870J™** Acrylic polymer-A (40 - 70%), n-Butyl acetate (7 - 13%), Ethylbenzene (5 - 10%), Methyl methacrylate (0.5 - 1.5%), Xylene (15 - 40%)

**DENSITY: 985.00 WT PCT SOLIDS: 53.04 VOL PCT SOLIDS: 46.80 SOLVENT DENSITY: 869.68 VOC LE: 462.5**

**VOC AP: 462.5 FLASH POINT: 24 °C to below 38 °C H: 2 F: 3 R: 0 OSHA STORAGE: IC PHOTOCHEMICALLY REACTIVE: YES**

**878J™** Acrylic polymer-A (15 - 40%), Aluminum (10 - 30%), n-Butyl acetate (5 - 10%), Ethylbenzene (3 - 7%), Aromatic hydrocarbon-B (7 - 13%), Iron oxide (3 - 7%), Xylene (10 - 30%)

**DENSITY: 1,086.00 WT PCT SOLIDS: 52.03 VOL PCT SOLIDS: 38.19 SOLVENT DENSITY: 840.68 VOC LE: 520.8**

**VOC AP: 520.8 FLASH POINT: 24 °C to below 38 °C H: 2 F: 3 R: 0 OSHA STORAGE: IC PHOTOCHEMICALLY REACTIVE: YES**

**881J™** Acrylic polymer-A (10 - 30%), n-Butyl acetate (5 - 10%), Ethylbenzene (3 - 7%), Xylene (10 - 30%), Yellow Iron oxide (30 - 60%)

**DENSITY: 1,374.00 WT PCT SOLIDS: 63.45 VOL PCT SOLIDS: 42.23 SOLVENT DENSITY: 868.36 VOC LE: 502.4**

**VOC AP: 502.2 FLASH POINT: 24 °C to below 38 °C H: 2 F: 3 R: 0 OSHA STORAGE: IC PHOTOCHEMICALLY REACTIVE: YES**

**882J™** Acrylic polymer-A (30 - 60%), n-Butyl acetate (7 - 13%), Ethylbenzene (5 - 10%), Xylene (15 - 40%), Yellow Iron oxide (7 - 13%)

**DENSITY: 1,045.00 WT PCT SOLIDS: 54.74 VOL PCT SOLIDS: 45.60 SOLVENT DENSITY: 869.44 VOC LE: 472.9**

**VOC AP: 472.8 FLASH POINT: 24 °C to below 38 °C H: 2 F: 3 R: 0 OSHA STORAGE: IC PHOTOCHEMICALLY REACTIVE: YES**

**884J™** Acrylic polymer-A (40 - 70%), n-Butyl acetate (7 - 13%), Ethylbenzene (3 - 7%), Methyl methacrylate (0.5 - 1.5%), Red iron oxide light (3 - 7%), Xylene (10 - 30%)

**DENSITY: 1,032.00 WT PCT SOLIDS: 58.39 VOL PCT SOLIDS: 50.64 SOLVENT DENSITY: 870.16 VOC LE: 429.3**

**VOC AP: 429.3 FLASH POINT: 24 °C to below 38 °C H: 2 F: 3 R: 0 OSHA STORAGE: IC PHOTOCHEMICALLY REACTIVE: YES**



**885J™** Acrylic polymer-A (15 - 40%), Barium sulphate (1 - 5%), n-Butyl acetate (10 - 30%), Perylene pigment (10 - 30%), Ethylbenzene (5 - 10%), propylene carbonate(0.5 - 1.5%), Xylene (15 - 40%)  
**DENSITY: 1,028.00 WT PCT SOLIDS: 48.55 VOL PCT SOLIDS: 39.57 SOLVENT DENSITY: 875.07 VOC LE: 528.9**  
**VOC AP: 528.7 FLASH POINT: 24 °C to below 38 °C H: 2 F: 3 R: 0 OSHA STORAGE: IC PHOTOCHEMICALLY REACTIVE: YES**

**886J™** Acrylic polymer-A (15 - 40%), n-Butyl acetate (7 - 13%), Ethylbenzene (5 - 10%), Quinacridone pigment (10 - 30%), Xylene (15 - 40%)  
**DENSITY: 1,022.00 WT PCT SOLIDS: 50.47 VOL PCT SOLIDS: 42.08 SOLVENT DENSITY: 873.75 VOC LE: 505.7**  
**VOC AP: 505.1 FLASH POINT: 24 °C to below 38 °C H: 2 F: 3 R: 0 OSHA STORAGE: IC PHOTOCHEMICALLY REACTIVE: YES**

**890J™** Acrylic polymer-A (30 - 60%), n-Butyl acetate (7 - 13%), Ethylbenzene (3 - 7%), Light yellow lemon yellow oxide pigment (10 - 30%), Xylene (10 - 30%)  
**DENSITY: 1,165.00 WT PCT SOLIDS: 59.74 VOL PCT SOLIDS: 46.10 SOLVENT DENSITY: 869.20 VOC LE: 468.9**  
**VOC AP: 468.8 FLASH POINT: 24 °C to below 38 °C H: 2 F: 3 R: 0 OSHA STORAGE: IC PHOTOCHEMICALLY REACTIVE: YES**

**891J™** Acrylic polymer-A (30 - 60%), n-Butyl acetate (7 - 13%), Ethylbenzene (5 - 10%), Iron oxide (10 - 30%), Xylene (15 - 40%)  
**DENSITY: 1,116.00 WT PCT SOLIDS: 55.04 VOL PCT SOLIDS: 42.31 SOLVENT DENSITY: 868.96 VOC LE: 501.5**  
**VOC AP: 501.5 FLASH POINT: 24 °C to below 38 °C H: 2 F: 3 R: 0 OSHA STORAGE: IC PHOTOCHEMICALLY REACTIVE: YES**

**893J™** Acrylic polymer-A (15 - 40%), n-Butyl acetate (10 - 30%), C. I. Pigment brown (7 - 13%), Ethylbenzene (7 - 13%), Primary amyl acetate (1 - 5%), Xylene (30 - 60%)  
**DENSITY: 959.00 WT PCT SOLIDS: 34.51 VOL PCT SOLIDS: 27.72 SOLVENT DENSITY: 867.64 VOC LE: 627.8**  
**VOC AP: 627.7 FLASH POINT: 24 °C to below 38 °C H: 2 F: 3 R: 0 OSHA STORAGE: IC PHOTOCHEMICALLY REACTIVE: YES**

**894J™** Acrylic polymer-A (10 - 30%), Aluminum (10 - 30%), Aromatic hydrocarbon-A (1 - 5%), n-Butyl acetate (5 - 10%), Ethylbenzene (5 - 10%), Stoddard solvent (3 - 7%), Xylene (15 - 40%)  
**DENSITY: 1,114.00 WT PCT SOLIDS: 49.82 VOL PCT SOLIDS: 35.56 SOLVENT DENSITY: 872.79 VOC LE: 559.2**  
**VOC AP: 559.1 FLASH POINT: 24 °C to below 38 °C H: 2 F: 3 R: 1 OSHA STORAGE: IC PHOTOCHEMICALLY REACTIVE: YES**

**895J™** 1,2,4-trimethylbenzene (1 - 5%), Acrylic polymer-A (15 - 40%), Aluminum (10 - 30%), Aromatic hydrocarbon-A (1 - 5%), n-Butyl acetate (5 - 10%), Ethylbenzene (5 - 10%), Stoddard solvent (3 - 7%), Xylene (10 - 30%)  
**DENSITY: 1,096.00 WT PCT SOLIDS: 51.46 VOL PCT SOLIDS: 38.48 SOLVENT DENSITY: 859.37 VOC LE: 532.2**  
**VOC AP: 532.2 FLASH POINT: 24 °C to below 38 °C H: 2 F: 3 R: 1 OSHA STORAGE: IC PHOTOCHEMICALLY REACTIVE: YES**

**908J™** Acrylic polymer-A (10 - 30%), n-Butyl acetate (15 - 40%), Cellulose acetate butyrate (1 - 5%), Ethylbenzene (5 - 10%), Mica (1 - 5%), Polyethylene/vinyl acetate (1 - 5%), Titanium dioxide (3 - 7%), Xylene (15 - 40%)  
**DENSITY: 996.00 WT PCT SOLIDS: 37.59 VOL PCT SOLIDS: 28.83 SOLVENT DENSITY: 872.44 VOC LE: 621.4**  
**VOC AP: 621.1 FLASH POINT: 24 °C to below 38 °C H: 2 F: 3 R: 0 OSHA STORAGE: IC PHOTOCHEMICALLY REACTIVE: YES**

**913J™** Acetone (7 - 13%), Acrylic polymer-A (10 - 30%), n-Butyl acetate (10 - 30%), Cellulose acetate butyrate (1 - 5%), Ethylbenzene (3 - 7%), Heavy mineral spirits (1 - 5%), Mica (7 - 13%), Polyethylene/vinyl acetate (1 - 5%), Titanium dioxide (rutile)(7 - 13%), Xylene (10 - 30%)  
**DENSITY: 1,048.00 WT PCT SOLIDS: 40.83 VOL PCT SOLIDS: 27.55 SOLVENT DENSITY: 855.42 VOC LE: 598.0**  
**VOC AP: 528.5 FLASH POINT: 24 °C to below 38 °C H: 2 F: 3 R: 0 OSHA STORAGE: IC PHOTOCHEMICALLY REACTIVE: YES**

**915J™** Acrylic polymer-A (10 - 30%), n-Butyl acetate (10 - 30%), Cellulose acetate butyrate (1 - 5%), Ethylbenzene (5 - 10%), Mica (1 - 5%), Polyethylene/vinyl acetate (1 - 5%), Titanium dioxide (1 - 5%), Xylene (15 - 40%)  
**DENSITY: 1,004.00 WT PCT SOLIDS: 38.30 VOL PCT SOLIDS: 29.00 SOLVENT DENSITY: 871.60 VOC LE: 619.5**  
**VOC AP: 619.2 FLASH POINT: 24 °C to below 38 °C H: 2 F: 3 R: 0 OSHA STORAGE: IC PHOTOCHEMICALLY REACTIVE: YES**

**979J™** Acrylic polymer-A (15 - 40%), Aluminum (10 - 30%), n-Butyl acetate (5 - 10%), Ethylbenzene (3 - 7%), Aromatic hydrocarbon-B (7 - 13%), Iron oxide (3 - 7%), Xylene (10 - 30%)  
**DENSITY: 1,086.00 WT PCT SOLIDS: 52.63 VOL PCT SOLIDS: 39.02 SOLVENT DENSITY: 841.88 VOC LE: 514.4**  
**VOC AP: 514.2 FLASH POINT: 24 °C to below 38 °C H: 2 F: 3 R: 0 OSHA STORAGE: IC PHOTOCHEMICALLY REACTIVE: YES**

**G9900N™** 1,2,4-trimethylbenzene (1 - 5%), Acrylic polymer-A (15 - 40%), Aromatic hydrocarbon-A (1 - 5%), n-Butyl acetate (5 - 10%), Carbon black (1 - 5%), 2-(2-butoxyethoxy)ethanol (0.5 - 1.5%), Ethyl acetate (0.5 - 1.5%), Ethylbenzene (3 - 7%), Methyl amyl ketone (7 - 13%), n-Pentyl propionate (5 - 10%), VM&P Naphtha (3 - 7%), Xylene (10 - 30%)  
**DENSITY: 942.00 WT PCT SOLIDS: 38.52 VOL PCT SOLIDS: 31.97 SOLVENT DENSITY: 848.59 VOC LE: 580.1**  
**VOC AP: 578.9 FLASH POINT: -7 °C to below 23 °C H: 2 F: 3 R: 0 OSHA STORAGE: IB PHOTOCHEMICALLY REACTIVE: YES**

**G9900S™** Acrylic polymer-A (10 - 30%), n-Butyl acetate (10 - 30%), Carbon black (3 - 7%), Cellulose acetate butyrate (1 - 5%), Ethylbenzene (1 - 5%), Methyl ethyl ketone (5 - 10%), n-Pentyl propionate (7 - 13%), Toluene (15 - 40%), Trimethyl-orthoacetate (0.5 - 1.5%), Xylene (3 - 7%)  
**DENSITY: 943.00 WT PCT SOLIDS: 29.65 VOL PCT SOLIDS: 23.37 SOLVENT DENSITY: 868.12 VOC LE: 666.3**  
**VOC AP: 663.4 FLASH POINT: -7 °C to below 23 °C H: 2 F: 3 R: 0 OSHA STORAGE: IB PHOTOCHEMICALLY REACTIVE: YES**

**P0932K™** Acetone (7 - 13%), Acrylic polymer-A (5 - 10%), Aluminum (0.5 - 1.5%), n-Butyl acetate (30 - 60%), Perylene pigment (1 - 5%), Carbamate resin (0.5 - 1.5%), Carbon black (0.1 - 1.0%), Cellulose acetate butyrate (1 - 5%), Ethylbenzene (3 - 7%), Melamine resin (0.5 - 1.5%), Polyester resin-B (3 - 7%), Polyethylene/vinyl acetate (1 - 5%), Titanium dioxide (0.1 - 1.0%), Xylene (10 - 30%)  
**DENSITY: 933.00 WT PCT SOLIDS: 25.94 VOL PCT SOLIDS: 19.82 SOLVENT DENSITY: 862.73 VOC LE: 679.3**  
**VOC AP: 605.8 FLASH POINT: -7 °C to below 23 °C H: 2 F: 3 R: 0 OSHA STORAGE: IB PHOTOCHEMICALLY REACTIVE: YES**

**Footnotes:**

<b>ACGIH</b>	American Conference of Governmental Industrial Hygienists.
<b>IARC</b>	International Agency for Research on Cancer.
<b>NTP</b>	National Toxicology Program.
<b>OSHA</b>	Occupational Safety and Health Administration.
<b>STEL</b>	Short term exposure limit.
<b>TWA</b>	Time-weighted average.
<b>DENSITY</b>	Density g/l
<b>SOLVENT DENSITY</b>	(g/l)
<b>VOC LE</b>	Theoretical VOC calculated less exempt solvents and water (g/l)
<b>VOC AP</b>	Theoretical VOC calculated as packaged (g/l)
<b>PNOR</b>	Particles not otherwise regulated.
<b>PNOC</b>	Particles not otherwise classified.

\* VOC less exempt (theoretical) and VOC as packaged (theoretical) are based upon the VOC of the packaged material at the point of manufacture.

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