SAFETY DATA SHEET

1. Identification

Product identifier ACCUSHADE 2K SEALER - GREY AS-

Other means of identification

Product Code MP-124-G B.N. 5103050 & Later Recommended use Automotive Refinish Primer

Manufacturer/Importer/Supplier/Distributor information

Manufacturer

Company name VALSPAR Automotive **Address** 600 Nova Drive SE Massillon, Ohio 44646

United States

Telephone General Assistance 330-299-8879

Website www.valsparauto.com E-mail RON.ANDRUS@valspar.com

Contact person Ronald Andrus

CHEMTREC 800-424-9300 **Emergency phone number**

2. Hazard(s) identification

Physical hazards Flammable liquids Category 3 **Health hazards** Acute toxicity, oral Category 4 Acute toxicity, inhalation Category 3 Serious eye damage/eye irritation Category 2B Germ cell mutagenicity Category 1B Carcinogenicity Category 1A **Environmental hazards** Hazardous to the aquatic environment, acute Category 2

hazard

Hazardous to the aquatic environment,

Category 3

long-term hazard

Not classified. **OSHA** defined hazards

Label elements



Danger Signal word

Hazard statement Flammable liquid and vapor. Harmful if swallowed. Causes eye irritation. Toxic if inhaled. May

cause genetic defects. May cause cancer. Toxic to aquatic life. Harmful to aquatic life with long

lasting effects.

Precautionary statement

Prevention

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing vapors. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.

Material name: ACCUSHADE 2K SEALER - GREY AS-

SDS US MP-124-G B.N. 5103050 & Later Version #: 01 Issue date: 12-04-2015

If swallowed: Call a poison center/doctor if you feel unwell. Rinse mouth. If on skin (or hair): Take Response

off immediately all contaminated clothing. Rinse skin with water/shower. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. Call a poison center/doctor. In case of fire: Use

appropriate media to extinguish.

Storage Store in a well-ventilated place. Keep container tightly closed. Store in a well-ventilated place.

Keep cool. Store locked up.

Disposal Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise classified (HNOC)

None known.

Supplemental information 80.32% of the mixture consists of component(s) of unknown acute oral toxicity. 82.11% of the mixture consists of component(s) of unknown acute inhalation toxicity. 74.57% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 73.42% of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment.

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
barium sulfate		7727-43-7	10 to <20
Talc		14807-96-6	10 to <20
2-Heptanone		110-43-0	5 to <10
Titanium dioxide		13463-67-7	5 to <10
4-Methyl-2-pentanone		108-10-1	1 to <5
acetone		67-64-1	1 to <5
n-butyl acetate		123-86-4	1 to <5
Trimethylbenzene		25551-13-7	1 to <5
Carbon Black		1333-86-4	0.1 to <1
light aromatic solvent naphtha		64742-95-6	0.1 to <1
Silicon dioxide		14808-60-7	0.1 to <1
Other components below reportable lev	rels		40 to <50

^{*}Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. First-aid measures

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Oxygen or Inhalation

artificial respiration if needed. Do not use mouth-to-mouth method if victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other

proper respiratory medical device. Call a POISON CENTER or doctor/physician.

Take off immediately all contaminated clothing. Rinse skin with water/shower. Get medical Skin contact

attention if irritation develops and persists.

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if Eye contact

present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

Rinse mouth. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.

Irritation of eyes. Exposed individuals may experience eye tearing, redness, and discomfort.

Get medical advice/attention if you feel unwell.

Most important symptoms/effects, acute and

delayed

Indication of immediate medical attention and special treatment needed

Provide general supportive measures and treat symptomatically. Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim warm. Keep victim under observation. Symptoms may be delayed.

General information

Ingestion

Take off all contaminated clothing immediately. IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before reuse.

5. Fire-fighting measures

Suitable extinguishing media Unsuitable extinguishing

media

Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2). Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical

Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Fire fighting equipment/instructions

In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.

Specific methods

Use standard firefighting procedures and consider the hazards of other involved materials.

General fire hazards

Flammable liquid and vapor.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Avoid inhalation of vapors and spray mists. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Take precautionary measures against static discharge. Use only non-sparking tools. Keep combustibles (wood, paper, oil, etc.) away from spilled material.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Prevent product from entering drains. Following product recovery, flush area with water.

Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Environmental precautions

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. Inform appropriate managerial or supervisory personnel of all environmental releases.

7. Handling and storage

Precautions for safe handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Explosion-proof general and local exhaust ventilation. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Avoid inhalation of vapors and spray mists. Avoid contact with eyes. Avoid prolonged exposure. Do not taste or swallow. When using, do not eat, drink or smoke. Should be handled in closed systems, if possible. Use only outdoors or in a well-ventilated area. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities

Store locked up. Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Store in a cool, dry place out of direct sunlight. Store in original tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)				
Components	Туре	Value Fo	orm	
2-Heptanone (CAS 110-43-0)	PEL	465 mg/m3		
110 10 0)		100 ppm		

100-10-1 100 pm 2400 mg/m3 2400 mg/m3 1000 ppm 2600 mg/m3 1000 ppm 2600 mg/m3 1000 ppm 2600 mg/m3	US. OSHA Table Z-1 Limits for Air of Components	Туре	Value	Form
PEL 2400 mg/m3 1000 ppm 2400 mg/m3 2400	4-Methyl-2-pentanone (CAS 108-10-1)	PEL	410 mg/m3	
1000 ppm 1000 ppm 5 mg/m3 Respirable fraction. 15 mg/m3 Total dust. 15 mg/m3 3.5 mg/m3				
Samura sulfate (CAS PEL 5 mg/m3 Respirable fraction. 15 mg/m3 Total dust. 150 ppm Total dust. 15 mg/m3 15 mg/m3 Total dust. 15 mg/m3 15 mg/	acetone (CAS 67-64-1)	PEL		
15 mg/m3				
15 mg/m3		PEL	5 mg/m3	Respirable fraction.
Darbon Black (CAS PEL 3.5 mg/m3 3.5 mg/m3 3.33-86-4 710 mg/m3 71	1121-43-1)		15 mg/m3	Total dust
1333-86-4	Carbon Black (CAS	PEI		rotal dust.
PEL	1333-86-4)		o.o mg/mo	
150 ppm 150	n-butyl acetate (CAS	PEL	710 mg/m3	
Titanium dioxide (CAS PEL 15 mg/m3 Total dust. 13483-67-7) 13.00 13.043-67-7) 13.00 13.043-67-7) 13.00 13.043-67-7) 13.00 13	123-86-4)			
13463-67-7) 25. OSHA Table Z-3 (29 CFR 1910.1000) 20 mponents Type				
St. OSHA Table Z-3 (29 CFR 1910.1000) Type		PEL	15 mg/m3	Total dust.
Type Value Form		1000\		
Silicon dioxide (CAS TWA 0.3 mg/m3 Total dust.			Value	Form
14808-60-7				
TWA	•	TWA	0.3 mg/m3	Total dust.
Table (CAS 14807-96-6) TWA	14000-00-7)		0.1 mg/m²	Reenirable
Table (CAS 14807-96-6)				
D.1 mg/m3	Tala (CAS 14907 06 6)	T\\/\		
State Stat	Taic (CAS 14607-90-0)	IVVA		
2.4 mppcf Respirable.				Respirable.
State Components Type Value Form				Doonirable
Components Type			2.4 Hippoi	Respirable.
2-Heptanone (CAS TWA 50 ppm 110-43-0) 4-Methyl-2-pentanone (CAS STEL 75 ppm 108-10-1) TWA 20 ppm 750 ppm 170			Value	Eorm
110-43-0		-	value	FOIIII
### A-Methyl-2-pentanone (CAS STEL 75 ppm 108-10-1		TWA	50 ppm	
TWA 20 ppm TWA 20 ppm TWA 20 ppm TWA 20 ppm TWA 500 ppm TWA TW	4-Methyl-2-pentanone (CAS	STEL	75 ppm	
STEL 750 ppm TWA 500 ppm TWA T	108-10-1)			
TWA 500 ppm parium sulfate (CAS TWA 5 mg/m3 Inhalable fraction. \$7727-43-7) Carbon Black (CAS TWA 3 mg/m3 Inhalable fraction. \$1333-86-4) 1-butyl acetate (CAS STEL 200 ppm \$123-86-4) TWA 150 ppm Silicon dioxide (CAS TWA 0.025 mg/m3 Respirable fraction. \$14808-60-7) Falc (CAS 14807-96-6) TWA 2 mg/m3 Respirable fraction. \$13463-67-7) Frimethylbenzene (CAS TWA 10 mg/m3 \$13463-67-7) Frimethylbenzene (CAS TWA 25 ppm \$25551-13-7) \$15. NIOSH: Pocket Guide to Chemical Hazards Components Type Value Form \$4-Methyl-2-pentanone (CAS STEL 300 mg/m3				
TWA	acetone (CAS 67-64-1)			
Transfer		TWA		
Carbon Black (CAS TWA 3 mg/m3 Inhalable fraction. 1333-86-4) 1-butyl acetate (CAS STEL 200 ppm 123-86-4) TWA 150 ppm 5 Silicon dioxide (CAS TWA 0.025 mg/m3 Respirable fraction. 14808-60-7) Falc (CAS 14807-96-6) TWA 2 mg/m3 Respirable fraction. 151 mg/m3 13463-67-7) Fritanium dioxide (CAS TWA 10 mg/m3 13463-67-7) Frimethylbenzene (CAS TWA 25 ppm 25551-13-7) JS. NIOSH: Pocket Guide to Chemical Hazards Components Type Value Form 2-Heptanone (CAS TWA 465 mg/m3 100 ppm 4-Methyl-2-pentanone (CAS STEL 300 mg/m3 108-10-1)	barium sulfate (CAS	TWA	5 mg/m3	Inhalable fraction.
1333-86-4		T\A/A	2	Inhalahla frastiar
## Debutyl acetate (CAS TWA 150 ppm 150		IVVA	s mg/ms	ininalable iraction.
TWA 150 ppm 0.025 mg/m3 Respirable fraction. Italic (CAS 14807-96-6) TWA 2 mg/m3 Respirable fraction. Italic (CAS 14807-96-6) TWA 10 mg/m3 Italic (CAS 14807-96-6) TWA 10 mg/m3 Italic (CAS 14807-96-6) TWA 25 ppm Italic (CAS 14807-96-6) TWA 465 mg/m3 Italic (CAS 14807-	•	STEL	200 ppm	
Silicon dioxide (CAS TWA 0.025 mg/m3 Respirable fraction. 14808-60-7) Talc (CAS 14807-96-6) TWA 2 mg/m3 Respirable fraction. 15tanium dioxide (CAS TWA 10 mg/m3 13463-67-7) Trimethylbenzene (CAS TWA 25 ppm 25551-13-7) JS. NIOSH: Pocket Guide to Chemical Hazards Components Type Value Form 2-Heptanone (CAS TWA 465 mg/m3 110-43-0) 4-Methyl-2-pentanone (CAS STEL 300 mg/m3 108-10-1)				
14808-60-7) Talc (CAS 14807-96-6) TWA 2 mg/m3 Respirable fraction. Fitanium dioxide (CAS TWA 10 mg/m3 13463-67-7) 10 mg/m3		TWA	150 ppm	
Talc (CAS 14807-96-6) TWA 2 mg/m3 Respirable fraction. Fitanium dioxide (CAS 17WA 10 mg/m3 13463-67-7) Frimethylbenzene (CAS TWA 25 ppm 25551-13-7) JS. NIOSH: Pocket Guide to Chemical Hazards Components Type Value Form 2-Heptanone (CAS TWA 465 mg/m3 110-43-0) 1-Methyl-2-pentanone (CAS STEL 300 mg/m3 100 ppm 100 pp	Silicon dioxide (CAS	TWA	0.025 mg/m3	Respirable fraction.
Titanium dioxide (CAS TWA 10 mg/m3 13463-67-7) Trimethylbenzene (CAS TWA 25 ppm 25551-13-7) JS. NIOSH: Pocket Guide to Chemical Hazards Components Type Value Form 2-Heptanone (CAS TWA 465 mg/m3 110-43-0) 1-Methyl-2-pentanone (CAS STEL 300 mg/m3 100-1)		T10/2	0	Description of
13463-67-7) Trimethylbenzene (CAS TWA 25 ppm 25551-13-7) JS. NIOSH: Pocket Guide to Chemical Hazards Components Type Value Form 2-Heptanone (CAS TWA 465 mg/m3 110-43-0) 1-Methyl-2-pentanone (CAS STEL 300 mg/m3 100-1)			_	Respirable fraction.
Trimethylbenzene (CAS TWA 25 ppm 25551-13-7) JS. NIOSH: Pocket Guide to Chemical Hazards Components Type Value Form 2-Heptanone (CAS TWA 465 mg/m3 110-43-0) 1-Methyl-2-pentanone (CAS STEL 300 mg/m3 100-10-1)		IWA	10 mg/m3	
25551-13-7) US. NIOSH: Pocket Guide to Chemical Hazards Components Type Value Form 2-Heptanone (CAS 110-43-0) 1-Methyl-2-pentanone (CAS STEL 300 mg/m3		Τ\Λ/Δ	25 nnm	
US. NIOSH: Pocket Guide to Chemical Hazards Components Type Value Form 2-Heptanone (CAS 110-43-0) 100 ppm 4-Methyl-2-pentanone (CAS 108-10-1) STEL 300 mg/m3		IVVA	20 ρριτι	
Components Type Value Form 2-Heptanone (CAS 110-43-0) TWA 465 mg/m3 100 ppm 4-Methyl-2-pentanone (CAS 108-10-1) STEL 300 mg/m3 100 ppm	·	ical Hazards		
2-Heptanone (CAS TWA 465 mg/m3 110-43-0) 100 ppm 100 ppm 4-Methyl-2-pentanone (CAS STEL 300 mg/m3 108-10-1)			Value	Form
110-43-0) 100 ppm 4-Methyl-2-pentanone (CAS STEL 300 mg/m3 108-10-1)	-	-		
100 ppm 4-Methyl-2-pentanone (CAS STEL 300 mg/m3 108-10-1)		IVVA	465 mg/m3	
4-Methyl-2-pentanone (CAS STEL 300 mg/m3 108-10-1)	110 10 0)		100 nnm	
108-10-1)	4-Methyl-2-pentanone (CAS	STFI		
·	108-10-1)	O'LL	ooo mg/mo	
	,		75 ppm	

Components	Type	Value	Form
	TWA	205 mg/m3	
		50 ppm	
acetone (CAS 67-64-1)	TWA	590 mg/m3	
		250 ppm	
barium sulfate (CAS 7727-43-7)	TWA	5 mg/m3	Respirable.
,		10 mg/m3	Total
Carbon Black (CAS 1333-86-4)	TWA	0.1 mg/m3	
n-butyl acetate (CAS 123-86-4)	STEL	950 mg/m3	
,		200 ppm	
	TWA	710 mg/m3	
		150 ppm	

Biological limit values

14808-60-7)

Silicon dioxide (CAS

Talc (CAS 14807-96-6)

ACGIH	Biological	Exposure	Indices
	Diviouicai		IIIUICES

Components	Value	Determinant	Specimen	Sampling Time
4-Methyl-2-pentanone (108-10-1)	(CAS1 mg/l	Methyl isobutyl ketone	Urine	*
acetone (CAS 67-64-1)	50 mg/l	Acetone	Urine	*

^{* -} For sampling details, please see the source document.

Appropriate engineering controls

Explosion-proof general and local exhaust ventilation. Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station.

0.05 mg/m3

2 mg/m3

Respirable dust.

Respirable.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles).

Skin protection

Hand protection Wear protective gloves.

Other Wear suitable protective clothing.

Respiratory protection If engineering controls do not maintain airborne concentrations below recommended exposure

limits (where applicable) or to an acceptable level (in countries where exposure limits have not

been established), an approved respirator must be worn.

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

TWA

TWA

General hygiene considerations

When using do not smoke. Keep away from food and drink. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and chemical properties

Appearance

Physical state Liquid.

Form Liquid.

Color Grey Opaque.

Odor Solvent.
Odor threshold Not available.
pH Not available.

Melting point/freezing point -31.9 °F (-35.5 °C) estimated Initial boiling point and boiling 282.74 °F (139.3 °C) estimated

range

Flash point 102.0 °F (38.9 °C) estimated

Evaporation rate Not available.

Flammability (solid, gas) Not applicable.

Upper/lower flammability or explosive limits

Flammability limit - lower

1.1 % estimated

(%)

Flammability limit - upper

7.9 % estimated

(%)

Explosive limit - lower (%) Not available.

Explosive limit - upper (%) Not available.

Vapor pressure 322.94 hPa estimated

Vapor density Not available.

Relative density Not available.

Solubility(ies)

Solubility (water) Not available.

Partition coefficient Not available.

(n-octanol/water)

Auto-ignition temperature 740 °F (393.33 °C) estimated

Decomposition temperature Not available. **Viscosity** Not available.

Other information

Density 12.27 lbs/gal

Flammability class Combustible II estimated

Percent volatile 42.74 % Specific gravity 1.47

VOC 2 lbs/gal Material

3 lbs/gal Regulatory 244 g/l Material 355 g/l Regulatory

10. Stability and reactivity

ReactivityThe product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical stabilityMaterial is stable under normal conditions.Possibility of hazardousHazardous polymerization does not occur.

reactions

Conditions to avoid Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the

flash point. Contact with incompatible materials.

Incompatible materials Strong acids. Aluminum. Phosphorus.

Hazardous decomposition

products

No hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of exposure

Inhalation Toxic if inhaled.

Skin contact No adverse effects due to skin contact are expected.

Eye contact Causes eye irritation. **Ingestion** Harmful if swallowed.

Symptoms related to the physical, chemical and toxicological characteristics

Irritation of eyes. Exposed individuals may experience eye tearing, redness, and discomfort.

Information on toxicological effects

Acute toxicity Toxic if inhaled. Harmful if swallowed.

Material name: ACCUSHADE 2K SEALER - GREY AS-

SDS US

Components **Species Test Results** 2-Heptanone (CAS 110-43-0) **Acute Dermal** LD50 Rabbit 12600 mg/kg Oral LD50 Mouse 730 mg/kg Rat 1.67 g/kg 4-Methyl-2-pentanone (CAS 108-10-1) **Acute** Dermal LD50 Rabbit > 16000 mg/kg Inhalation LC50 Rat 8.2 mg/l, 4 Hours Oral LD50 Rat 2080 mg/kg acetone (CAS 67-64-1) Acute **Dermal** LD50 Rabbit 20000 mg/kg 20 ml/kg Inhalation LC50 Rat 76 mg/l, 4 Hours 50.1 mg/l, 8 Hours Oral LD50 Mouse 3000 mg/kg Rabbit 5340 mg/kg Rat 5800 mg/kg Carbon Black (CAS 1333-86-4) **Acute** Oral LD50 Rat > 8000 mg/kg n-butyl acetate (CAS 123-86-4) **Acute** Inhalation LC50 Wistar rat 160 mg/l, 4 Hours Oral LD50 Rat 14000 mg/kg Trimethylbenzene (CAS 25551-13-7) **Acute** Oral LD50 Rat 8970 mg/kg

Skin corrosion/irritation Prolonged skin contact may cause temporary irritation.

Serious eye damage/eye

Causes eye irritation.

irritation

Respiratory or skin sensitization

Respiratory sensitization Not a respiratory sensitizer.

Skin sensitization This product is not expected to cause skin sensitization.

Germ cell mutagenicity May cause genetic defects.

^{*} Estimates for product may be based on additional component data not shown.

Carcinogenicity May cause cancer.

IARC Monographs. Overall Evaluation of Carcinogenicity

4-Methyl-2-pentanone (CAS 108-10-1)

Carbon Black (CAS 1333-86-4)

2B Possibly carcinogenic to humans.

2B Possibly carcinogenic to humans.

Silicon dioxide (CAS 14808-60-7) 1 Carcinogenic to humans.

Titanium dioxide (CAS 13463-67-7) 2B Possibly carcinogenic to humans.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

US. National Toxicology Program (NTP) Report on Carcinogens

Silicon dioxide (CAS 14808-60-7)

Known To Be Human Carcinogen.

Toet Posulte

Reproductive toxicityThis product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity -

single exposure

Not classified.

Specific target organ toxicity -

repeated exposure

Components

Not classified.

Aspiration hazardNot an aspiration hazard.

Chronic effects Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects.

12. Ecological information

Ecotoxicity Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

Components		Species	lest Results
2-Heptanone (CAS 11	10-43-0)		
Aquatic			
Fish	LC50	Fathead minnow (Pimephales promelas)	126 - 137 mg/l, 96 hours
4-Methyl-2-pentanone	e (CAS 108-10-1)		
Aquatic			
Fish	LC50	Fathead minnow (Pimephales promelas)	492 - 593 mg/l, 96 hours
acetone (CAS 67-64-1	1)		
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	21.6 - 23.9 mg/l, 48 hours
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	4740 - 6330 mg/l, 96 hours
barium sulfate (CAS 7	727-43-7)		
Aquatic			
Crustacea	EC50	Tubificid worm (Tubifex tubifex)	28.61 - 38.03 mg/l, 48 hours
n-butyl acetate (CAS	123-86-4)		
Aquatic			
Fish	LC50	Fathead minnow (Pimephales promelas)	17 - 19 mg/l, 96 hours
Titanium dioxide (CAS	3 13463-67-7)		
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	> 1000 mg/l, 48 hours
Fish	LC50	Mummichog (Fundulus heteroclitus)	> 1000 mg/l, 96 hours

^{*} Estimates for product may be based on additional component data not shown.

Persistence and degradability No data is available on the degradability of this product.

Bioaccumulative potential

Partition coefficient n-octanol / water (log Kow)

2-Heptanone 1.98
4-Methyl-2-pentanone 1.31
acetone -0.24
n-butyl acetate 1.78

Mobility in soil No data available.

Other adverse effects

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

MP-124-G B.N. 5103050 & Later Version #: 01 Issue date: 12-04-2015

13. Disposal considerations

Disposal instructions Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow

this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches

with chemical or used container. Dispose of contents/container in accordance with

local/regional/national/international regulations.

Local disposal regulations

Dispose in accordance with all applicable regulations.

Hazardous waste code

The waste code should be assigned in discussion between the user, the producer and the waste

disposal company.

Waste from residues / unused

products

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see:

Disposal instructions).

Contaminated packaging

Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or

disposal.

14. Transport information

DOT

UN number UN1263

UN proper shipping name Paint, Paint Related Material

Transport hazard class(es)

Class 3 Subsidiary risk 3 Label(s) Packing group Ш

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

Special provisions B1, B52, IB3, T4, TP1, TP29

150 Packaging exceptions Packaging non bulk 203 Packaging bulk 242

IATA

UN1263 **UN number**

UN proper shipping name Transport hazard class(es)

Paint, Paint Related Material

3 Class Subsidiary risk Ш Packing group **Environmental hazards** No. **ERG Code** 3L

Other information

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

Passenger and cargo

aircraft

Allowed with restrictions.

Cargo aircraft only

Allowed with restrictions.

IMDG

UN number UN1263

UN proper shipping name Transport hazard class(es)

Paint, Paint Related Material

Class 3 Subsidiary risk Ш **Packing group Environmental hazards**

> Marine pollutant No. F-E, <u>S-E</u>

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

Transport in bulk according to Annex II of MARPOL 73/78 and Not established.

the IBC Code



IATA; IMDG



15. Regulatory information

US federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication

Standard, 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

4-Methyl-2-pentanone (CAS 108-10-1) Listed. acetone (CAS 67-64-1) Listed. barium sulfate (CAS 7727-43-7) Listed. n-butyl acetate (CAS 123-86-4) Listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard - Yes
Delayed Hazard - Yes

Fire Hazard - Yes Pressure Hazard - No Reactivity Hazard - No

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous No

chemical

SARA 313 (TRI reporting)

Chemical name	CAS number	% by wt.
4-Methyl-2-pentanone	108-10-1	1 to <5

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

4-Methyl-2-pentanone (CAS 108-10-1)

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act Not regulated.

(SDWA)

Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2) and Chemical Code Number

4-Methyl-2-pentanone (CAS 108-10-1) 6715

acetone (CAS 67-64-1) 6532

Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))

4-Methyl-2-pentanone (CAS 108-10-1) 35 %WV acetone (CAS 67-64-1) 35 %WV

DEA Exempt Chemical Mixtures Code Number

4-Methyl-2-pentanone (CAS 108-10-1) 6715 acetone (CAS 67-64-1) 6532

US state regulations

US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100)

Not listed.

US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd.

(a))

4-Methyl-2-pentanone (CAS 108-10-1)

acetone (CAS 67-64-1)

Carbon Black (CAS 1333-86-4)

light aromatic solvent naphtha (CAS 64742-95-6)

Silicon dioxide (CAS 14808-60-7)

Talc (CAS 14807-96-6)

Titanium dioxide (CAS 13463-67-7)

Trimethylbenzene (CAS 25551-13-7)

US. Massachusetts RTK - Substance List

2-Heptanone (CAS 110-43-0)

4-Methyl-2-pentanone (CAS 108-10-1)

acetone (CAS 67-64-1)

barium sulfate (CAS 7727-43-7)

Carbon Black (CAS 1333-86-4)

n-butyl acetate (CAS 123-86-4)

Silicon dioxide (CAS 14808-60-7)

Talc (CAS 14807-96-6)

Titanium dioxide (CAS 13463-67-7)

Trimethylbenzene (CAS 25551-13-7)

US. New Jersey Worker and Community Right-to-Know Act

2-Heptanone (CAS 110-43-0)

4-Methyl-2-pentanone (CAS 108-10-1)

acetone (CAS 67-64-1)

barium sulfate (CAS 7727-43-7)

Carbon Black (CAS 1333-86-4)

n-butyl acetate (CAS 123-86-4)

Silicon dioxide (CAS 14808-60-7)

Talc (CAS 14807-96-6)

Titanium dioxide (CAS 13463-67-7)

Trimethylbenzene (CAS 25551-13-7)

US. Pennsylvania Worker and Community Right-to-Know Law

2-Heptanone (CAS 110-43-0)

4-Methyl-2-pentanone (CAS 108-10-1)

acetone (CAS 67-64-1)

barium sulfate (CAS 7727-43-7)

Carbon Black (CAS 1333-86-4)

n-butyl acetate (CAS 123-86-4)

Silicon dioxide (CAS 14808-60-7)

Talc (CAS 14807-96-6)

Titanium dioxide (CAS 13463-67-7)

Trimethylbenzene (CAS 25551-13-7)

US. Rhode Island RTK

4-Methyl-2-pentanone (CAS 108-10-1)

acetone (CAS 67-64-1)

n-butyl acetate (CAS 123-86-4)

US. California Proposition 65

WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

US - California Proposition 65 - CRT: Listed date/Carcinogenic substance

4-Methyl-2-pentanone (CAS 108-10-1) Listed: November 4, 2011

Carbon Black (CAS 1333-86-4)

Cumene (CAS 98-82-8)

Formaldehyde (CAS 50-00-0)

Silicon dioxide (CAS 14808-60-7)

Titanium dioxide (CAS 13463-67-7)

Listed: February 21, 2003

Listed: April 6, 2010

Listed: January 1, 1988

Listed: October 1, 1988

Listed: September 2, 2011

US - California Proposition 65 - CRT: Listed date/Developmental toxin

4-Methyl-2-pentanone (CAS 108-10-1) Listed: March 28, 2014

International Inventories

Australia Australian Inventory of Chemical Substances	(AICS) No
Canada Domestic Substances List (DSL)	No
Canada Non-Domestic Substances List (NDSL)	No
China Inventory of Existing Chemical Substances in	China (IECSC) No
Europe European Inventory of Existing Commercial C Substances (EINECS)	Chemical No
Europe European List of Notified Chemical Substance	es (ELINCS) No
Japan Inventory of Existing and New Chemical Subs	stances (ENCS) No
Korea Existing Chemicals List (ECL)	No
New Zealand Inventory	No
Philippines Philippine Inventory of Chemicals and Chemic (PICCS)	cal Substances No

^{*}A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s) A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

Toxic Substances Control Act (TSCA) Inventory

16. Other information, including date of preparation or last revision

Issue date 12-04-2015

Version # 01

United States & Puerto Rico

HMIS® ratings Health: 3*

Flammability: 3 Physical hazard: 0

NFPA ratings Health: 3

Flammability: 3 Instability: 0

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material will infringe any such patents, and for obtaining any required licenses.

Material name: ACCUSHADE 2K SEALER - GREY AS-

Νo