

Issue date 25-Sep-2014

Revision date 25-Sep-2014

Revision Number 1

## 1. IDENTIFICATION

### Product identification

Product identifier Lawson Flat Black High Solids Paint

Other means of identification 53365

Recommended use Paint

Restrictions on use Not applicable

### Supplier

Corporate Headquarters:  
Lawson Products, Inc.  
8770 W. Bryn Mawr Ave., Suite 900  
Chicago, IL 60631  
(866) 837-9908

Canadian Distribution Center:  
Lawson Canada  
7315 Rapistan Court  
Mississauga, ON L5N 5Z4  
(800) 323-5922

**24 Hour Emergency Phone Number** (888) 426-4851 (Prosar)

## 2. HAZARD(S) IDENTIFICATION

**Hazard Classification** This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

|                                                  |                |
|--------------------------------------------------|----------------|
| Serious eye damage/eye irritation                | Category 2A    |
| Carcinogenicity                                  | Category 2     |
| Specific target organ toxicity (single exposure) | Category 3     |
| Flammable aerosols                               | Category 1     |
| Gases under pressure                             | Compressed gas |

### Symbol



### Signal word

DANGER

### Hazard statements

H222 - Extremely flammable aerosol  
H280 - Contains gas under pressure; may explode if heated  
H319 - Causes serious eye irritation  
H336 - May cause drowsiness or dizziness  
H351 - Suspected of causing cancer

**Precautionary statements****General**

P101 - If medical advice is needed, have product container or label at hand  
 P103 - Read label before use.  
 P102 - Keep out of reach of children

**Prevention**

P201 - Obtain special instructions before use  
 P202 - Do not handle until all safety precautions have been read and understood  
 P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P211 - Do not spray on an open flame or other ignition source  
 P251 - Pressurized container: Do not pierce or burn, even after use  
 P264 - Wash hands thoroughly after handling  
 P271 - Use only outdoors or in a well-ventilated area  
 P281 - Use personal protective equipment as required  
 P261 - Avoid breathing dust/fume/gas/mist/vapors/spray  
 P280 - Wear protective gloves/protective clothing and eye/face protection

**Response****General**

P308 + P313 - IF exposed or concerned: Get medical advice/attention

**Eyes**

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 P337 + P313 - If eye irritation persists: Get medical advice/attention

**Inhalation**

P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

**Storage**

P405 - Store locked up  
 P412 - Do not expose to temperatures exceeding 50 °C/122 °F  
 P410 - Protect from sunlight  
 P403 - Store in a well-ventilated place  
 P233 - Keep container tightly closed

**Disposal**

P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations as applicable

**Hazard(s) Not Otherwise Classified (HNOC)**

None known.

**Physical Hazards Not Otherwise Classified (PHNOC)**

None known.

**Unknown acute toxicity**

None known

**3. COMPOSITION/INFORMATION ON INGREDIENTS****Composition**

This product is a mixture of the substances listed below with nonhazardous additions.

| Chemical name          | CAS-No     | Weight % |
|------------------------|------------|----------|
| Acetone                | 67-64-1    | 21.38    |
| Propane                | 74-98-6    | 15.75    |
| Calcium Carbonate      | 1317-65-3  | 13.31    |
| N-Butane               | 106-97-8   | 9.22     |
| Methyl isobutyl ketone | 108-10-1   | 7.2      |
| VM&P Naphtha           | 64742-89-8 | 4.63     |

|                                      |             |      |
|--------------------------------------|-------------|------|
| PM Acetate                           | 108-65-6    | 4.23 |
| Ethylene glycol monopropyl ether     | 2807-30-9   | 2.58 |
| Isobutyl acetate                     | 110-19-0    | 2.37 |
| Methyl Propyl Ketone                 | 107-87-9    | 1.34 |
| Silicone Dioxide Amorphous Synthetic | 112926-00-8 | 1.14 |
| Ethyl benzene                        | 100-41-4    | <1   |
| Carbon Black                         | 1333-86-4   | <1   |

#### 4. FIRST-AID MEASURES

##### Necessary first-aid measures

|                                                                                   |                                                                                                                   |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>Inhalation</b>                                                                 | Supply fresh air. Consult doctor in case of complaint.                                                            |
| <b>Ingestion</b>                                                                  | After swallowing, rinse out mouth and then drink plenty of water. Rinse mouth with water. Do NOT induce vomiting. |
| <b>Skin contact</b>                                                               | Remove contaminated clothing. Wash exposed area with soap and water.                                              |
| <b>Eye contact</b>                                                                | Rinse opened eye for several minutes under running water. If symptoms persist, call a physician.                  |
| <b>Most important symptoms (acute)</b>                                            | Dizziness.                                                                                                        |
| <b>Most important symptoms (over-exposure)</b>                                    | No further relevant information available.                                                                        |
| <b>Indication of any immediate medical attention and special treatment needed</b> | No further relevant information available.                                                                        |

#### 5. FIRE-FIGHTING MEASURES

|                                                       |                                                                                                                                      |
|-------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| <b>Suitable extinguishing media</b>                   | Carbon dioxide (CO <sub>2</sub> ). Extinguishing powder. Water spray. Fight larger fires with water spray or alcohol resistant foam. |
| <b>Unsuitable extinguishing media</b>                 | Not available.                                                                                                                       |
| <b>Specific hazards</b>                               | Can form explosive gas-air mixtures.                                                                                                 |
| <b>Special protective equipment for fire-fighters</b> | A respiratory protective device may be necessary.                                                                                    |

#### 6. ACCIDENTAL RELEASE MEASURES

|                                                                            |                                                                                                                                                 |
|----------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Personal precautions, protective equipment and emergency procedures</b> | Wear personal protective equipment. Keep unprotected persons away. Use respiratory protective device against the effects of fumes/dust/aerosol. |
| <b>Methods and materials for containment and cleaning up</b>               | Absorb liquid components with liquid-binding material.                                                                                          |

#### 7. HANDLING AND STORAGE

|                        |                                     |
|------------------------|-------------------------------------|
| <b>Precautions for</b> | Use only in a well ventilated area. |
|------------------------|-------------------------------------|

**safe handling****Conditions for safe storage, including any incompatibilities**

Keep away from sources of heat and direct sunlight. Do not warehouse in subfreezing conditions. Store locked up.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Control parameters**

| Chemical name                        | OSHA PEL (TWA)                                      | ACGIH OEL (TWA)             | NIOSH - TWA                                                                            |
|--------------------------------------|-----------------------------------------------------|-----------------------------|----------------------------------------------------------------------------------------|
| Acetone                              | 1000 ppm TWA<br>2400 mg/m <sup>3</sup> TWA          | 500 ppm STEL<br>250 ppm TWA | 250 ppm TWA<br>590 mg/m <sup>3</sup> TWA                                               |
| Propane                              | 1000 ppm TWA<br>1800 mg/m <sup>3</sup> TWA          | -                           | 1000 ppm TWA<br>1800 mg/m <sup>3</sup> TWA                                             |
| Calcium Carbonate                    | 15 mg/m <sup>3</sup> TWA<br>5 mg/m <sup>3</sup> TWA | -                           | 10 mg/m <sup>3</sup> TWA<br>5 mg/m <sup>3</sup> TWA                                    |
| N-Butane                             | -                                                   | 1000 ppm STEL               | 800 ppm TWA<br>1900 mg/m <sup>3</sup> TWA                                              |
| Methyl isobutyl ketone               | 100 ppm TWA<br>410 mg/m <sup>3</sup> TWA            | 75 ppm STEL<br>20 ppm TWA   | 75 ppm STEL<br>300 mg/m <sup>3</sup> STEL<br>50 ppm TWA<br>205 mg/m <sup>3</sup> TWA   |
| VM&P Naphtha                         | -                                                   | -                           | -                                                                                      |
| PM Acetate                           | -                                                   | -                           | -                                                                                      |
| Ethylene glycol monopropyl ether     | -                                                   | -                           | -                                                                                      |
| Isobutyl acetate                     | 150 ppm TWA<br>700 mg/m <sup>3</sup> TWA            | 150 ppm STEL<br>50 ppm TWA  | 150 ppm TWA<br>700 mg/m <sup>3</sup> TWA                                               |
| Methyl Propyl Ketone                 | 200 ppm TWA<br>700 mg/m <sup>3</sup> TWA            | 150 ppm STEL                | 150 ppm TWA<br>530 mg/m <sup>3</sup> TWA                                               |
| Silicone Dioxide Amorphous Synthetic | -                                                   | -                           | 6 mg/m <sup>3</sup> TWA                                                                |
| Ethyl benzene                        | 100 ppm TWA<br>435 mg/m <sup>3</sup> TWA            | 20 ppm TWA                  | 125 ppm STEL<br>545 mg/m <sup>3</sup> STEL<br>100 ppm TWA<br>435 mg/m <sup>3</sup> TWA |
| Carbon Black                         | 3.5 mg/m <sup>3</sup> TWA                           | 3 mg/m <sup>3</sup> TWA     | 3.5 mg/m <sup>3</sup> TWA<br>0.1 mg/m <sup>3</sup> TWA                                 |

**Appropriate engineering controls**

Not available.

**Individual protection measures, such as personal protective equipment****Eye protection**

Tightly fitting safety goggles.

**Skin and body protection**

Nitrile gloves. Protective gloves. The glove material must be impermeable and resistant to the substance.

**Respiratory protection**

A respirator is generally not necessary when using this product outdoors or in a large open areas. In cases where short and/or long term overexposure exists, a charcoal filter respirator should be worn. If you suspect overexposure conditions exist, please consult an authority on chemical hygiene.

**Hygiene measures**

Wash hands after use. Do not eat or drink while working.

**Canadian Province Occupational Exposure Limits**

| Chemical name                              | Alberta<br>OEL                                                                                       | British<br>Columbia<br>OEL                                                                | Manitoba<br>OEL                   | New<br>Brunswick<br>- OEL                                                                            | Newfoundl<br>and &<br>Labrador -<br>OEL           | Nova<br>Scotia -<br>OEL           | Ontario<br>OEL                                | Prince<br>Edward<br>Island -<br>OEL               | Quebec<br>OEL                                                                                         | Saskatche<br>wan - OEL                                      |
|--------------------------------------------|------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------|------------------------------------------------------------------------------------------------------|---------------------------------------------------|-----------------------------------|-----------------------------------------------|---------------------------------------------------|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|
| Acetone                                    | 750 ppm<br>STEL<br>1800 mg/m <sup>3</sup><br>STEL<br>500 ppm<br>TWA<br>1200 mg/m <sup>3</sup><br>TWA | 500 ppm<br>STEL<br>250 ppm<br>TWA                                                         | 250 ppm<br>TWA<br>500 ppm<br>STEL | 750 ppm<br>STEL<br>1782 mg/m <sup>3</sup><br>STEL<br>500 ppm<br>TWA<br>1188 mg/m <sup>3</sup><br>TWA | 500 ppm<br>STEL<br>250 ppm<br>TWA                 | 500 ppm<br>STEL<br>250 ppm<br>TWA | 500 ppm<br>STEL<br>250 ppm<br>TWA             | 500 ppm<br>STEL<br>250 ppm<br>TWA                 | 1000 ppm<br>STEV<br>2380 mg/m <sup>3</sup><br>STEV<br>500 ppm<br>TWA<br>1190 mg/m <sup>3</sup><br>TWA | 750 ppm<br>STEL<br>500 ppm<br>TWA                           |
| Propane                                    | 1000 ppm<br>TWA                                                                                      | -                                                                                         | -                                 | -                                                                                                    | -                                                 | -                                 | -                                             | -                                                 | 1000 ppm<br>TWA<br>1800 mg/m <sup>3</sup><br>TWA                                                      | 1250 ppm<br>STEL<br>1000 ppm<br>TWA<br>1000 ppm<br>TWA      |
| Calcium Carbonate                          | 10 mg/m <sup>3</sup><br>TWA                                                                          | 20 mg/m <sup>3</sup><br>STEL<br>10 mg/m <sup>3</sup><br>TWA<br>3 mg/m <sup>3</sup><br>TWA | -                                 | 10 mg/m <sup>3</sup><br>TWA                                                                          | -                                                 | -                                 | -                                             | -                                                 | 10 mg/m <sup>3</sup><br>TWA                                                                           | 20 mg/m <sup>3</sup><br>STEL<br>10 mg/m <sup>3</sup><br>TWA |
| N-Butane                                   | 1000 ppm<br>TWA                                                                                      | 750 ppm<br>STEL                                                                           | 1000 ppm<br>STEL                  | 800 ppm<br>TWA<br>1900 mg/m <sup>3</sup><br>TWA                                                      | 1000 ppm<br>STEL                                  | 1000 ppm<br>STEL                  | 1000 ppm<br>STEL                              | 1000 ppm<br>STEL                                  | 800 ppm<br>TWA<br>1900 mg/m <sup>3</sup><br>TWA                                                       | 1250 ppm<br>STEL<br>1000 ppm<br>TWA<br>1000 ppm<br>TWA      |
| Methyl isobutyl<br>ketone                  | 75 ppm<br>STEL<br>307 mg/m <sup>3</sup><br>STEL<br>50 ppm<br>TWA<br>205 mg/m <sup>3</sup><br>TWA     | 75 ppm<br>STEL<br>20 ppm<br>TWA                                                           | 20 ppm<br>TWA<br>75 ppm<br>STEL   | 75 ppm<br>STEL<br>307 mg/m <sup>3</sup><br>STEL<br>50 ppm<br>TWA<br>205 mg/m <sup>3</sup><br>TWA     | 75 ppm<br>STEL<br>20 ppm<br>TWA                   | 75 ppm<br>STEL<br>20 ppm<br>TWA   | 75 ppm<br>STEL<br>20 ppm<br>TWA               | 75 ppm<br>STEL<br>20 ppm<br>TWA                   | 75 ppm<br>STEV<br>307 mg/m <sup>3</sup><br>STEV<br>50 ppm<br>TWA<br>205 mg/m <sup>3</sup><br>TWA      | 75 ppm<br>STEL<br>50 ppm<br>TWA                             |
| VM&P Naphtha                               | -                                                                                                    | -                                                                                         | -                                 | -                                                                                                    | -                                                 | -                                 | -                                             | -                                                 | -                                                                                                     | -                                                           |
| PM Acetate                                 | -                                                                                                    | 75 ppm<br>STEL<br>50 ppm<br>TWA                                                           | -                                 | -                                                                                                    | -                                                 | -                                 | 50 ppm<br>TWA<br>270 mg/m <sup>3</sup><br>TWA | -                                                 | -                                                                                                     | -                                                           |
| Ethylene glycol<br>monopropyl ether        | -                                                                                                    | -                                                                                         | -                                 | -                                                                                                    | -                                                 | -                                 | 25 ppm<br>TWA<br>110 mg/m <sup>3</sup><br>TWA | -                                                 | -                                                                                                     | -                                                           |
| Isobutyl acetate                           | 150 ppm<br>TWA<br>713 mg/m <sup>3</sup><br>TWA                                                       | 150 ppm<br>TWA                                                                            | 50 ppm<br>TWA<br>150 ppm<br>STEL  | 150 ppm<br>TWA<br>713 mg/m <sup>3</sup><br>TWA                                                       | 150 ppm<br>STEL<br>50 ppm<br>TWA<br>50 ppm<br>TWA | 150 ppm<br>STEL<br>50 ppm<br>TWA  | 150 ppm<br>TWA                                | 150 ppm<br>STEL<br>50 ppm<br>TWA<br>50 ppm<br>TWA | 150 ppm<br>TWA<br>713 mg/m <sup>3</sup><br>TWA                                                        | 188 ppm<br>STEL<br>150 ppm<br>TWA                           |
| Methyl Propyl<br>Ketone                    | 250 ppm<br>STEL<br>881 mg/m <sup>3</sup><br>STEL<br>200 ppm<br>TWA<br>705 mg/m <sup>3</sup><br>TWA   | 250 ppm<br>STEL<br>150 ppm<br>TWA                                                         | 150 ppm<br>STEL                   | 250 ppm<br>STEL<br>881 mg/m <sup>3</sup><br>STEL<br>200 ppm<br>TWA<br>705 mg/m <sup>3</sup><br>TWA   | 150 ppm<br>STEL                                   | 150 ppm<br>STEL                   | 150 ppm<br>STEL                               | 150 ppm<br>STEL                                   | 150 ppm<br>TWA<br>530 mg/m <sup>3</sup><br>TWA                                                        | 250 ppm<br>STEL<br>200 ppm<br>TWA                           |
| Silicone Dioxide<br>Amorphous<br>Synthetic | -                                                                                                    | 4 mg/m <sup>3</sup><br>TWA<br>1.5 mg/m <sup>3</sup><br>TWA                                | -                                 | 10 mg/m <sup>3</sup><br>TWA                                                                          | -                                                 | -                                 | -                                             | -                                                 | 6 mg/m <sup>3</sup><br>TWA                                                                            | 20 mg/m <sup>3</sup><br>STEL<br>10 mg/m <sup>3</sup><br>TWA |
| Ethyl benzene                              | 125 ppm<br>STEL<br>543 mg/m <sup>3</sup><br>STEL<br>100 ppm                                          | 20 ppm<br>TWA                                                                             | 20 ppm<br>TWA                     | 125 ppm<br>STEL<br>543 mg/m <sup>3</sup><br>STEL<br>100 ppm                                          | 20 ppm<br>TWA                                     | 20 ppm<br>TWA                     | 20 ppm<br>TWA                                 | 20 ppm<br>TWA                                     | 125 ppm<br>STEV<br>543 mg/m <sup>3</sup><br>STEV<br>100 ppm                                           | 125 ppm<br>STEL<br>100 ppm<br>TWA                           |

| Chemical name | Alberta<br>OEL                      | British<br>Columbia<br>OEL | Manitoba<br>OEL            | New<br>Brunswick<br>- OEL           | Newfoundl<br>and &<br>Labrador -<br>OEL | Nova<br>Scotia -<br>OEL    | Ontario<br>OEL             | Prince<br>Edward<br>Island -<br>OEL | Quebec<br>OEL                           | Saskatche<br>wan - OEL                                      |
|---------------|-------------------------------------|----------------------------|----------------------------|-------------------------------------|-----------------------------------------|----------------------------|----------------------------|-------------------------------------|-----------------------------------------|-------------------------------------------------------------|
|               | TWA<br>434 mg/m <sup>3</sup><br>TWA |                            |                            | TWA<br>434 mg/m <sup>3</sup><br>TWA |                                         |                            |                            |                                     | TWAEV<br>434 mg/m <sup>3</sup><br>TWAEV |                                                             |
| Carbon Black  | 3.5 mg/m <sup>3</sup><br>TWA        | 3 mg/m <sup>3</sup><br>TWA | 3 mg/m <sup>3</sup><br>TWA | 3.5 mg/m <sup>3</sup><br>TWA        | 3 mg/m <sup>3</sup><br>TWA              | 3 mg/m <sup>3</sup><br>TWA | 3 mg/m <sup>3</sup><br>TWA | 3 mg/m <sup>3</sup><br>TWA          | 3.5 mg/m <sup>3</sup><br>TWAEV          | 7 mg/m <sup>3</sup><br>STEL<br>3.5 mg/m <sup>3</sup><br>TWA |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                                            |                              |
|--------------------------------------------|------------------------------|
| Physical state                             | Aerosol                      |
| Color                                      | Yellow                       |
| Odor                                       | Aromatic                     |
| Odor threshold                             | Not available                |
| pH                                         | Not available                |
| Melting point/range °C                     | Not available                |
| Melting point/range °F                     | Not available                |
| Boiling point/range °C                     | -44 °C                       |
| Boiling point/range °F                     | -47 °F                       |
| Flash point °C                             | -19                          |
| Flash point °F                             | -2                           |
| Flash point method used                    | Not available                |
| Evaporation rate                           | Not available                |
| Flammability (Solid, Gas)                  | Extremely flammable          |
| Lower explosion limit                      | 1.7 %                        |
| Upper explosion limit                      | 10.9 %                       |
| Vapor pressure                             | Not available                |
| Vapor density                              | Not available                |
| Relative density                           | 0.77-0.85                    |
| Solubility                                 | Not available                |
| Partition coefficient<br>(n-octanol/water) | Not available                |
| Autoignition temperature °C                | Product is not self-igniting |
| Autoignition temperature °F                | Product is not self-igniting |

**Decomposition temperature °C** Not available

**Decomposition temperature °F** Not available

**Viscosity** Not available

## 10. STABILITY AND REACTIVITY

**Reactivity** Stable at normal temperatures.

**Chemical stability** Not fully evaluated. In use, may form flammable/explosive vapour-air mixture.

**Possibility of hazardous reactions** None known.

**Conditions to avoid** Do not allow can to exceed 120 degrees Fahrenheit. Do not warehouse in subfreezing conditions.

**Incompatible materials** No further relevant information available.

**Hazardous decomposition products** None known.

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure** Not available.

**Symptoms** No information available.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure** No data available. No sensitizing effects known.

### Numerical measures of toxicity

| Chemical name                        | Inhalation LC50:                                | Dermal LD50:                                     | Oral LD50:                                |
|--------------------------------------|-------------------------------------------------|--------------------------------------------------|-------------------------------------------|
| Acetone                              | = 50100 mg/m <sup>3</sup> ( Rat ) 8 h           | > 15700 mg/kg ( Rabbit )                         | = 5800 mg/kg ( Rat )                      |
| Propane                              | > 800000 ppm ( Rat ) 15 min                     | -                                                | -                                         |
| Calcium Carbonate                    | -                                               | -                                                | -                                         |
| N-Butane                             | = 658 g/m <sup>3</sup> ( Rat ) 4 h              | -                                                | -                                         |
| Methyl isobutyl ketone               | = 8.2 mg/L ( Rat ) 4 h                          | = 3000 mg/kg ( Rabbit )                          | = 2080 mg/kg ( Rat )                      |
| VM&P Naphtha                         | -                                               | = 3000 mg/kg ( Rabbit )                          | -                                         |
| PM Acetate                           | -                                               | > 5 g/kg ( Rabbit )                              | = 8532 mg/kg ( Rat )                      |
| Ethylene glycol monopropyl ether     | = 1530 ppm ( Rat ) 7 h                          | = 870 mg/kg ( Rabbit ) = 960 µL/kg ( Rabbit )    | = 3089 mg/kg ( Rat )                      |
| Isobutyl acetate                     | -                                               | > 17400 mg/kg ( Rabbit )                         | = 15400 mg/kg ( Rat )                     |
| Methyl Propyl Ketone                 | 2000 - 4000 ppm ( Rat ) 4 h                     | = 6480 mg/kg ( Rat ) = 6500 mg/kg ( Rabbit )     | = 1600 mg/kg ( Rat )                      |
| Silicone Dioxide Amorphous Synthetic | > 2.2 mg/L ( Rat ) 1 h                          | > 2000 mg/kg ( Rabbit )                          | = 7900 mg/kg ( Rat )                      |
| Ethyl benzene                        | = 17.4 mg/L ( Rat ) 4 h > 5.04 mg/L ( Rat ) 4 h | = 15400 mg/kg ( Rabbit ) > 2000 mg/kg ( Rabbit ) | = 3500 mg/kg ( Rat ) = 4820 mg/kg ( Rat ) |
| Carbon Black                         | -                                               | > 3 g/kg ( Rabbit )                              | > 15400 mg/kg ( Rat )                     |

**ATEmix (dermal)** Not available

ATEmix (oral) Not available

ATEmix (inhalation-gas) Not available

ATEmix (inhalation-vapor) Not available

ATEmix (inhalation-dust/mist) Not available

### Carcinogenicity

| Chemical name                        | ACGIH OEL - Carcinogens | IARC     | OSHA RTK Carcinogens | NTP |
|--------------------------------------|-------------------------|----------|----------------------|-----|
| Acetone                              | A4                      | -        | -                    | -   |
| Propane                              | -                       | -        | -                    | -   |
| Calcium Carbonate                    | -                       | -        | -                    | -   |
| N-Butane                             | -                       | -        | -                    | -   |
| Methyl isobutyl ketone               | A3                      | Group 2B | Listed               | -   |
| VM&P Naphtha                         | -                       | -        | -                    | -   |
| PM Acetate                           | -                       | -        | -                    | -   |
| Ethylene glycol monopropyl ether     | -                       | -        | -                    | -   |
| Isobutyl acetate                     | -                       | -        | -                    | -   |
| Methyl Propyl Ketone                 | -                       | -        | -                    | -   |
| Silicone Dioxide Amorphous Synthetic | -                       | Group 3  | -                    | -   |
| Ethyl benzene                        | A3                      | Group 2B | Listed               | -   |
| Carbon Black                         | A3                      | Group 2B | Listed               | -   |

### Canadian Province carcinogenicity limits

| Chemical name                        | Alberta - Carcinogen | British Columbia - Carcinogen | Manitoba - Carcinogen | New Brunswick - Carcinogen | Nova Scotia - Carcinogen | Quebec - Carcinogen |
|--------------------------------------|----------------------|-------------------------------|-----------------------|----------------------------|--------------------------|---------------------|
| Acetone                              | -                    | -                             | ACGIH A4              | ACGIH A4                   | ACGIH A4                 | -                   |
| Propane                              | -                    | -                             | -                     | -                          | -                        | -                   |
| Calcium Carbonate                    | -                    | -                             | -                     | -                          | -                        | -                   |
| N-Butane                             | -                    | -                             | -                     | -                          | -                        | -                   |
| Methyl isobutyl ketone               | -                    | IARC 2B                       | ACGIH A3              | -                          | ACGIH A3                 | -                   |
| VM&P Naphtha                         | -                    | -                             | -                     | -                          | -                        | -                   |
| PM Acetate                           | -                    | -                             | -                     | -                          | -                        | -                   |
| Ethylene glycol monopropyl ether     | -                    | -                             | -                     | -                          | -                        | -                   |
| Isobutyl acetate                     | -                    | -                             | -                     | -                          | -                        | -                   |
| Methyl Propyl Ketone                 | -                    | -                             | -                     | -                          | -                        | -                   |
| Silicone Dioxide Amorphous Synthetic | -                    | -                             | -                     | -                          | -                        | -                   |
| Ethyl benzene                        | -                    | IARC 2B                       | ACGIH A3              | -                          | ACGIH A3                 | -                   |
| Carbon Black                         | -                    | IARC 2B                       | ACGIH A3              | ACGIH A4                   | ACGIH A3                 | -                   |

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Hazardous for water, do not empty into drains.

| Chemical name | Algae/aquatic plants | Fish |
|---------------|----------------------|------|
|---------------|----------------------|------|

| Chemical name                           | Algae/aquatic plants                                                                                                                                                                                                                                                                                            | Fish                                                                                                                                                                                                                                                                                                                                       |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Acetone                                 | -                                                                                                                                                                                                                                                                                                               | 4.74 - 6.33: 96 h Oncorhynchus mykiss mL/L LC50<br>6210 - 8120: 96 h Pimephales promelas mg/L LC50<br>static 8300: 96 h Lepomis macrochirus mg/L LC50                                                                                                                                                                                      |
| Propane                                 | -                                                                                                                                                                                                                                                                                                               | -                                                                                                                                                                                                                                                                                                                                          |
| Calcium Carbonate                       | -                                                                                                                                                                                                                                                                                                               | -                                                                                                                                                                                                                                                                                                                                          |
| N-Butane                                | -                                                                                                                                                                                                                                                                                                               | -                                                                                                                                                                                                                                                                                                                                          |
| Methyl isobutyl ketone                  | 400: 96 h Pseudokirchneriella subcapitata mg/L<br>EC50                                                                                                                                                                                                                                                          | 496 - 514: 96 h Pimephales promelas mg/L LC50<br>flow-through                                                                                                                                                                                                                                                                              |
| VM&P Naphtha                            | 4700: 72 h Pseudokirchneriella subcapitata mg/L<br>EC50                                                                                                                                                                                                                                                         | -                                                                                                                                                                                                                                                                                                                                          |
| PM Acetate                              | -                                                                                                                                                                                                                                                                                                               | 161: 96 h Pimephales promelas mg/L LC50 static                                                                                                                                                                                                                                                                                             |
| Ethylene glycol<br>monopropyl ether     | -                                                                                                                                                                                                                                                                                                               | -                                                                                                                                                                                                                                                                                                                                          |
| Isobutyl acetate                        | -                                                                                                                                                                                                                                                                                                               | 101: 48 h Leuciscus idus melanotus mg/L LC50<br>static 101 - 123: 48 h Leuciscus idus melanotus<br>mg/L LC50 flow-through                                                                                                                                                                                                                  |
| Methyl Propyl Ketone                    | -                                                                                                                                                                                                                                                                                                               | 1190 - 1290: 96 h Pimephales promelas mg/L LC50<br>flow-through                                                                                                                                                                                                                                                                            |
| Silicone Dioxide<br>Amorphous Synthetic | 440: 72 h Pseudokirchneriella subcapitata mg/L<br>EC50                                                                                                                                                                                                                                                          | 5000: 96 h Brachydanio rerio mg/L LC50 static                                                                                                                                                                                                                                                                                              |
| Ethyl benzene                           | 4.6: 72 h Pseudokirchneriella subcapitata mg/L<br>EC50 2.6 - 11.3: 72 h Pseudokirchneriella<br>subcapitata mg/L EC50 static 438: 96 h<br>Pseudokirchneriella subcapitata mg/L EC50 1.7 -<br>7.6: 96 h Pseudokirchneriella subcapitata mg/L<br>EC50 static 11: 72 h Pseudokirchneriella<br>subcapitata mg/L EC50 | 11.0 - 18.0: 96 h Oncorhynchus mykiss mg/L LC50<br>static 4.2: 96 h Oncorhynchus mykiss mg/L LC50<br>semi-static 7.55 - 11: 96 h Pimephales promelas<br>mg/L LC50 flow-through 9.6: 96 h Poecilia reticulata<br>mg/L LC50 static 32: 96 h Lepomis macrochirus<br>mg/L LC50 static 9.1 - 15.6: 96 h Pimephales<br>promelas mg/L LC50 static |
| Carbon Black                            | -                                                                                                                                                                                                                                                                                                               | -                                                                                                                                                                                                                                                                                                                                          |

**Persistence and degradability** The product is degradable after prolonged exposure to natural weathering processes.

#### Bioaccumulation

| Chemical name                                       | CAS-No      | Partition coefficient (log Kow) |
|-----------------------------------------------------|-------------|---------------------------------|
| Acetone<br>67-64-1                                  | 67-64-1     | -0.24                           |
| Propane<br>74-98-6                                  | 74-98-6     | 2.3 <=2.8                       |
| Calcium Carbonate<br>1317-65-3                      | 1317-65-3   | -                               |
| N-Butane<br>106-97-8                                | 106-97-8    | 2.89 <=2.8                      |
| Methyl isobutyl ketone<br>108-10-1                  | 108-10-1    | 1.19                            |
| VM&P Naphtha<br>64742-89-8                          | 64742-89-8  | -                               |
| PM Acetate<br>108-65-6                              | 108-65-6    | 0.43                            |
| Ethylene glycol monopropyl ether<br>2807-30-9       | 2807-30-9   | -                               |
| Isobutyl acetate<br>110-19-0                        | 110-19-0    | 1.72                            |
| Methyl Propyl Ketone<br>107-87-9                    | 107-87-9    | 0.91                            |
| Silicone Dioxide Amorphous Synthetic<br>112926-00-8 | 112926-00-8 | -                               |
| Ethyl benzene                                       | 100-41-4    | 3.2                             |

| Chemical name             | CAS-No    | Partition coefficient (log Kow) |
|---------------------------|-----------|---------------------------------|
| 100-41-4                  |           |                                 |
| Carbon Black<br>1333-86-4 | 1333-86-4 | -                               |

**Mobility in soil** Not available.

**Other adverse effects** Not available

### 13. DISPOSAL CONSIDERATIONS

**Disposal information** Dispose of in accordance with federal, state and local regulations. Do not puncture, incinerate, or crush. Partially empty cans must be disposed of responsibly. Do not heat or cut empty containers with electric or gas torches.

**Contaminated packaging** Completely empty cans should be recycled.

### 14. TRANSPORTATION INFORMATION

#### Shipping Descriptions

##### DOT

ID-No UN1950  
 Proper shipping name Aerosols, flammable  
 Hazard Class(es) 2.1  
 Special Provisions LTD QTY

##### TDG

ID-No UN1950  
 Proper shipping name Aerosols, flammable  
 Hazard Class(es) 2.1  
 Special Provisions LTD QTY

##### IATA

ID-No UN1950  
 Proper shipping name Aerosols, flammable  
 Hazard Class(es) 2.1  
 Special Provisions LTD QTY

##### IMDG/IMO

ID-No UN1950  
 Proper shipping name Aerosols  
 Hazard Class(es) 2.1  
 Special Provisions LTD QTY

#### Marine Pollutants

| Chemical name                    | CAS-No     | USDOT Marine Pollutant | Canada TDG Marine Pollutant | IMDG Marine Pollutant |
|----------------------------------|------------|------------------------|-----------------------------|-----------------------|
| Acetone                          | 67-64-1    | -                      | -                           | -                     |
| Propane                          | 74-98-6    | -                      | -                           | -                     |
| Calcium Carbonate                | 1317-65-3  | -                      | -                           | -                     |
| N-Butane                         | 106-97-8   | -                      | -                           | -                     |
| Methyl isobutyl ketone           | 108-10-1   | -                      | -                           | -                     |
| VM&P Naphtha                     | 64742-89-8 | -                      | -                           | -                     |
| PM Acetate                       | 108-65-6   | -                      | -                           | -                     |
| Ethylene glycol monopropyl ether | 2807-30-9  | -                      | -                           | -                     |
| Isobutyl acetate                 | 110-19-0   | -                      | -                           | -                     |

| Chemical name                        | CAS-No      | USDOT Marine Pollutant | Canada TDG Marine Pollutant | IMDG Marine Pollutant |
|--------------------------------------|-------------|------------------------|-----------------------------|-----------------------|
| Methyl Propyl Ketone                 | 107-87-9    | -                      | -                           | -                     |
| Silicone Dioxide Amorphous Synthetic | 112926-00-8 | -                      | -                           | -                     |
| Ethyl benzene                        | 100-41-4    | -                      | -                           | -                     |
| Carbon Black                         | 1333-86-4   | -                      | -                           | -                     |

**Special Precautions**

Multi-modal shipping descriptions are provided for informational purposes and do not consider container size. The presence of a shipping description for a particular mode of transport (sea, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport. People loading and unloading dangerous goods must be trained on all of the risks deriving from the substances and on all actions in case of emergency situations.

## 15. REGULATORY INFORMATION

**State regulations****U.S. state Right-to-Know regulations**

| Chemical name                        | CAS-No      | Massachusetts - RTK | New Jersey - RTK | Pennsylvania - RTK |
|--------------------------------------|-------------|---------------------|------------------|--------------------|
| Acetone                              | 67-64-1     | X                   | X                | X                  |
| Propane                              | 74-98-6     | X                   | X                | X                  |
| Calcium Carbonate                    | 1317-65-3   | X                   | X                | X                  |
| N-Butane                             | 106-97-8    | X                   | X                | X                  |
| Methyl isobutyl ketone               | 108-10-1    | X                   | X                | X                  |
| VM&P Naphtha                         | 64742-89-8  | -                   | -                | -                  |
| PM Acetate                           | 108-65-6    | -                   | -                | -                  |
| Ethylene glycol monopropyl ether     | 2807-30-9   | -                   | X                | X                  |
| Isobutyl acetate                     | 110-19-0    | X                   | X                | X                  |
| Methyl Propyl Ketone                 | 107-87-9    | X                   | X                | X                  |
| Silicone Dioxide Amorphous Synthetic | 112926-00-8 | X                   | X                | X                  |
| Ethyl benzene                        | 100-41-4    | X                   | X                | X                  |
| Carbon Black                         | 1333-86-4   | X                   | X                | X                  |

**California Prop. 65**

| Chemical name                        | CAS-No      | California Prop. 65         |
|--------------------------------------|-------------|-----------------------------|
| Acetone                              | 67-64-1     | -                           |
| Propane                              | 74-98-6     | -                           |
| Calcium Carbonate                    | 1317-65-3   | -                           |
| N-Butane                             | 106-97-8    | -                           |
| Methyl isobutyl ketone               | 108-10-1    | Carcinogen<br>Developmental |
| VM&P Naphtha                         | 64742-89-8  | -                           |
| PM Acetate                           | 108-65-6    | -                           |
| Ethylene glycol monopropyl ether     | 2807-30-9   | -                           |
| Isobutyl acetate                     | 110-19-0    | -                           |
| Methyl Propyl Ketone                 | 107-87-9    | -                           |
| Silicone Dioxide Amorphous Synthetic | 112926-00-8 | -                           |
| Ethyl benzene                        | 100-41-4    | Carcinogen                  |
| Carbon Black                         | 1333-86-4   | Carcinogen                  |

California Proposition 65

WARNING: This product contains a chemical(s) known to the state of California to cause cancer, birth defects or other reproductive harm

**U.S. Federal Regulations****Consumer Product Safety  
Commission**

This product complies with 16 CFR 1303 and does not contain more than 90 ppm of lead.

**US EPA SARA 313**

| Chemical name                        | CAS-No      | CERCLA/SARA<br>Hazardous Substances RQ | SARA 313 - Threshold Values |
|--------------------------------------|-------------|----------------------------------------|-----------------------------|
| Acetone                              | 67-64-1     | 5000 lb<br>2270 kg                     | -                           |
| Propane                              | 74-98-6     | -                                      | -                           |
| Calcium Carbonate                    | 1317-65-3   | -                                      | -                           |
| N-Butane                             | 106-97-8    | -                                      | -                           |
| Methyl isobutyl ketone               | 108-10-1    | 5000 lb<br>2270 kg                     | 1.0 %                       |
| VM&P Naphtha                         | 64742-89-8  | -                                      | -                           |
| PM Acetate                           | 108-65-6    | -                                      | -                           |
| Ethylene glycol monopropyl ether     | 2807-30-9   | -                                      | 1.0 %                       |
| Isobutyl acetate                     | 110-19-0    | 5000 lb<br>2270 kg                     | -                           |
| Methyl Propyl Ketone                 | 107-87-9    | -                                      | -                           |
| Silicone Dioxide Amorphous Synthetic | 112926-00-8 | -                                      | -                           |
| Ethyl benzene                        | 100-41-4    | 1000 lb<br>454 kg                      | 0.1 %                       |
| Carbon Black                         | 1333-86-4   | -                                      | -                           |

**US EPA SARA 311/312  
hazardous categorization**

Not available

| Chemical name                        | DSL/NDSL | Inventory - United States -<br>Section 8(b) Inventory (TSCA) | U.S. - TSCA (Toxic<br>Substances Control Act) -<br>Section 12(b) - Export<br>Notification |
|--------------------------------------|----------|--------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| Acetone                              | X        | X                                                            | -                                                                                         |
| Propane                              | X        | X                                                            | -                                                                                         |
| Calcium Carbonate                    | X        | X                                                            | -                                                                                         |
| N-Butane                             | X        | X                                                            | -                                                                                         |
| Methyl isobutyl ketone               | X        | X                                                            | -                                                                                         |
| VM&P Naphtha                         | X        | X                                                            | -                                                                                         |
| PM Acetate                           | X        | X                                                            | -                                                                                         |
| Ethylene glycol monopropyl ether     | X        | X                                                            | -                                                                                         |
| Isobutyl acetate                     | X        | X                                                            | -                                                                                         |
| Methyl Propyl Ketone                 | X        | X                                                            | -                                                                                         |
| Silicone Dioxide Amorphous Synthetic | X        | X                                                            | -                                                                                         |
| Ethyl benzene                        | X        | X                                                            | -                                                                                         |
| Carbon Black                         | X        | X                                                            | -                                                                                         |

Legend X - Listed

**16. OTHER INFORMATION****NFPA**

|                     |               |
|---------------------|---------------|
| <b>Health</b>       | Not available |
| <b>Flammability</b> | Not available |
| <b>Instability</b>  | Not available |

**HMIS**

|                         |               |
|-------------------------|---------------|
| <b>Health</b>           | Not available |
| <b>Flammability</b>     | Not available |
| <b>Physical hazards</b> | Not available |

Notice: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA).

**Prepared by** Regulatory Affairs

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**Revision note****Key to abbreviations**

ACGIH (American Conference of Governmental Industrial Hygienists)  
ATE (Average Toxicity Estimate)  
DSL/NDL (Domestic Substance List/Non-Domestic Substance List)  
HMIS (Hazardous Materials Identification System)  
IARC (International Agency for Research on Cancer)  
IATA (International Air Transport Association)  
IMDG/IMO (International Maritime Dangerous Goods/International Maritime Organization)  
NFPA (National Fire Protection Association)  
NTP (National Toxicology Program)  
OEL (Occupational Exposure Level)  
OSHA (Occupational Safety and Health Administration of the US Department of Labor)  
PEL (Permissible Exposure Limit)  
TSCA (Toxic Substance Control Act)  
USEPA (United States Environmental Protection Agency)

**Disclaimer**

The information accumulated herein is believed to be accurate, but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.

**End of Safety Data Sheet**