



## Safety Data Sheet

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|                        |           |                         |          |
|------------------------|-----------|-------------------------|----------|
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### SECTION 1: Identification

#### 1.1. Product identifier

Bondo® Bumper Black, 00802

#### Product Identification Numbers

60-4550-7313-4, 70-0080-0234-0

#### 1.2. Recommended use and restrictions on use

##### Recommended use

Automotive, Bumper Repair

#### 1.3. Supplier's details

|                      |                                         |
|----------------------|-----------------------------------------|
| <b>MANUFACTURER:</b> | 3M                                      |
| <b>DIVISION:</b>     | Automotive Aftermarket                  |
| <b>ADDRESS:</b>      | 3M Center, St. Paul, MN 55144-1000, USA |
| <b>Telephone:</b>    | 1-888-3M HELPS (1-888-364-3577)         |

#### 1.4. Emergency telephone number

1-800-364-3577 or (651) 737-6501 (24 hours)

### SECTION 2: Hazard identification

The label elements below were prepared in accordance with OSHA Hazard Communication Standard, 29 CFR 1910.1200. This information may be different from the actual product label information for labels regulated by other agencies.

#### 2.1. Hazard classification

Flammable Aerosol: Category 1.  
Serious Eye Damage/Irritation: Category 2A.  
Skin Corrosion/Irritation: Category 2.  
Reproductive Toxicity: Category 1B.  
Carcinogenicity: Category 2.  
Simple Asphyxiant.  
Specific Target Organ Toxicity (single exposure): Category 1.  
Specific Target Organ Toxicity (central nervous system): Category 3.  
Specific Target Organ Toxicity (repeated exposure): Category 1.

#### 2.2. Label elements

Signal word

Danger

**Symbols**

Flame | Exclamation mark | Health Hazard |

**Pictograms**



**Hazard Statements**

Extremely flammable aerosol.

Causes serious eye irritation.

Causes skin irritation.

May cause drowsiness or dizziness.

May damage fertility or the unborn child.

Suspected of causing cancer.

May displace oxygen and cause rapid suffocation.

Causes damage to organs:  
cardiovascular system |

Causes damage to organs through prolonged or repeated exposure:  
nervous system |  
sensory organs |

**Precautionary Statements**

**General:**

Keep out of reach of children.

**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.

Do not spray on an open flame or other ignition source.

Pressurized container: Do not pierce or burn, even after use.

Do not breathe dust/fume/gas/mist/vapors/spray.

Use only outdoors or in a well-ventilated area.

Wear protective gloves and eye/face protection.

Do not eat, drink or smoke when using this product.

Wash thoroughly after handling.

**Response:**

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.

IF ON SKIN: Wash with plenty of soap and water.

If skin irritation occurs: Get medical advice/attention.

Take off contaminated clothing and wash it before reuse.

Specific treatment (see Notes to Physician on this label).

Call a POISON CENTER or doctor/physician if you feel unwell.

**Storage:**

Protect from sunlight. Do not expose to temperatures exceeding 50C/122F.  
Store in a well-ventilated place. Keep container tightly closed.  
Store locked up.

**Disposal:**

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

**Notes to Physician:**

Exposure may increase myocardial irritability. Do not administer sympathomimetic drugs unless absolutely necessary.

**2.3. Hazards not otherwise classified**

None.

37% of the mixture consists of ingredients of unknown acute oral toxicity.

39% of the mixture consists of ingredients of unknown acute inhalation toxicity.

**SECTION 3: Composition/information on ingredients**

| <b>Ingredient</b>                        | <b>C.A.S. No.</b> | <b>% by Wt</b>           |
|------------------------------------------|-------------------|--------------------------|
| Acetone                                  | 67-64-1           | 15 - 40 Trade Secret *   |
| Petroleum Gases, Liquified, Sweetened    | 68476-86-8        | 10 - 30 Trade Secret *   |
| Toluene                                  | 108-88-3          | 10 - 30 Trade Secret *   |
| Acrylic Resin                            | Mixture           | 1 - 10 Trade Secret *    |
| Ethyl Acetone                            | 141-78-6          | 3 - 7 Trade Secret *     |
| Methyl Isobutyl Ketone                   | 108-10-1          | 3 - 7 Trade Secret *     |
| Methyl Ethyl Ketone                      | 78-93-3           | 0.5 - 1.5 Trade Secret * |
| Nepheline Syenite                        | 37244-96-5        | 0.5 - 1.5 Trade Secret * |
| Carbon Black                             | 1333-86-4         | 0.1 - 1 Trade Secret *   |
| Polyester Plasticizer NJTSRN: 8009285004 | Trade Secret*     | < 3 Trade Secret *       |
| 1-methoxy-2-propyl acetate               | 108-65-6          | <= 1 Trade Secret *      |
| 2-(propyloxy) ethanol                    | 2807-30-9         | <= 1 Trade Secret *      |

NJTS or NJTSRN: New Jersey Trade Secret Registry Number.

\*The specific chemical identity and/or exact percentage (concentration) of this composition has been withheld as a trade secret.

**SECTION 4: First aid measures****4.1. Description of first aid measures****Inhalation:**

Remove person to fresh air. Get medical attention.

**Skin Contact:**

Immediately wash with soap and water. Remove contaminated clothing and wash before reuse. If signs/symptoms develop, get medical attention.

**Eye Contact:**

Immediately flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. Get medical attention.

**If Swallowed:**

Rinse mouth. If you feel unwell, get medical attention.

**4.2. Most important symptoms and effects, both acute and delayed**

See Section 11.1. Information on toxicological effects.

**4.3. Indication of any immediate medical attention and special treatment required**

Exposure may increase myocardial irritability. Do not administer sympathomimetic drugs unless absolutely necessary.

## SECTION 5: Fire-fighting measures

**5.1. Suitable extinguishing media**

Use a fire fighting agent suitable for the surrounding fire.

**5.2. Special hazards arising from the substance or mixture**

Closed containers exposed to heat from fire may build pressure and explode.

**Hazardous Decomposition or By-Products**

**Substance**

Carbon monoxide

Carbon dioxide

**Condition**

During Combustion

During Combustion

**5.3. Special protective actions for fire-fighters**

Water may not effectively extinguish fire; however, it should be used to keep fire-exposed containers and surfaces cool and prevent explosive rupture.

## SECTION 6: Accidental release measures

**6.1. Personal precautions, protective equipment and emergency procedures**

Evacuate area. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use only non-sparking tools. Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapors, in accordance with good industrial hygiene practice. Warning! A motor could be an ignition source and could cause flammable gases or vapors in the spill area to burn or explode. Refer to other sections of this SDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment.

**6.2. Environmental precautions**

Avoid release to the environment. For larger spills, cover drains and build dikes to prevent entry into sewer systems or bodies of water.

**6.3. Methods and material for containment and cleaning up**

If possible, seal leaking container. Place leaking containers in a well-ventilated area, preferably an operating exhaust hood, or if necessary outdoors on an impermeable surface until appropriate packaging for the leaking container or its contents is available. Contain spill. Cover spill area with a fire-extinguishing foam. An appropriate aqueous film forming foam (AFFF) is recommended. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Remember, adding an absorbent material does not remove a physical, health, or environmental hazard. Collect as much of the spilled material as possible using non-sparking tools. Place in a metal container approved for transportation by appropriate authorities. Clean up residue with an appropriate solvent selected by a qualified and authorized person. Ventilate the area with fresh air. Read and follow safety precautions on the solvent label and SDS. Seal the container. Dispose of collected material as soon as possible.

## SECTION 7: Handling and storage

**7.1. Precautions for safe handling**

Do not use in a confined area with minimal air exchange. Keep out of reach of children. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Do not breathe dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Avoid release to the environment. Avoid contact with oxidizing agents (eg. chlorine, chromic acid etc.) Use personal protective equipment (gloves, respirators, etc.) as required. Vapors may travel long distances along the ground or floor to an ignition source and flash back.

## 7.2. Conditions for safe storage including any incompatibilities

Store in a well-ventilated place. Keep container tightly closed. Protect from sunlight. Do not expose to temperatures exceeding 50C/122F. Store away from heat. Store away from acids. Store away from oxidizing agents.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limits

If a component is disclosed in section 3 but does not appear in the table below, an occupational exposure limit is not available for the component.

| Ingredient                 | C.A.S. No. | Agency | Limit type                      | Additional Comments            |
|----------------------------|------------|--------|---------------------------------|--------------------------------|
| Methyl Isobutyl Ketone     | 108-10-1   | ACGIH  | TWA:20 ppm;STEL:75 ppm          | A3: Confirmed animal carcin.   |
| Methyl Isobutyl Ketone     | 108-10-1   | OSHA   | TWA:410 mg/m3(100 ppm)          |                                |
| 1-methoxy-2-propyl acetate | 108-65-6   | AIHA   | TWA:50 ppm                      |                                |
| 1-methoxy-2-propyl acetate | 108-65-6   | CMRG   | TWA:10 mg/m3;STEL:90 ppm        |                                |
| Toluene                    | 108-88-3   | ACGIH  | TWA:20 ppm                      | A4: Not class. as human carcin |
| Toluene                    | 108-88-3   | CMRG   | STEL:75 ppm                     | Skin Notation                  |
| Toluene                    | 108-88-3   | OSHA   | TWA:200 ppm;CEIL:300 ppm        |                                |
| Carbon Black               | 1333-86-4  | ACGIH  | TWA(inhalable fraction):3 mg/m3 | A3: Confirmed animal carcin.   |
| Carbon Black               | 1333-86-4  | CMRG   | TWA:0.5 mg/m3                   |                                |
| Carbon Black               | 1333-86-4  | OSHA   | TWA:3.5 mg/m3                   |                                |
| Ethyl Acetone              | 141-78-6   | ACGIH  | TWA:400 ppm                     |                                |
| Ethyl Acetone              | 141-78-6   | OSHA   | TWA:1400 mg/m3(400 ppm)         |                                |
| Nepheline Syenite          | 37244-96-5 | CMRG   | TWA(respirable):5 mg/m3         |                                |
| Acetone                    | 67-64-1    | ACGIH  | TWA:500 ppm;STEL:750 ppm        | A4: Not class. as human carcin |
| Acetone                    | 67-64-1    | OSHA   | TWA:2400 mg/m3(1000 ppm)        |                                |
| Methyl Ethyl Ketone        | 78-93-3    | ACGIH  | TWA:200 ppm;STEL:300 ppm        |                                |
| Methyl Ethyl Ketone        | 78-93-3    | OSHA   | TWA:590 mg/m3(200 ppm)          |                                |

ACGIH : American Conference of Governmental Industrial Hygienists

AIHA : American Industrial Hygiene Association

CMRG : Chemical Manufacturer's Recommended Guidelines

OSHA : United States Department of Labor - Occupational Safety and Health Administration

TWA: Time-Weighted-Average

STEL: Short Term Exposure Limit

CEIL: Ceiling

### 8.2. Exposure controls

#### 8.2.1. Engineering controls

Do not remain in area where available oxygen may be reduced. Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant Exposure Limits and/or control dust/fume/gas/mist/vapors/spray. If ventilation is not adequate, use respiratory protection equipment.

## 8.2.2. Personal protective equipment (PPE)

### Eye/face protection

Select and use eye/face protection to prevent contact based on the results of an exposure assessment. The following eye/face protection(s) are recommended:

Indirect Vented Goggles

### Skin/hand protection

Select and use gloves and/or protective clothing approved to relevant local standards to prevent skin contact based on the results of an exposure assessment. Selection should be based on use factors such as exposure levels, concentration of the substance or mixture, frequency and duration, physical challenges such as temperature extremes, and other use conditions. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible gloves/protective clothing. Note: Nitrile gloves may be worn over polymer laminate gloves to improve dexterity.

Gloves made from the following material(s) are recommended: Polyvinyl Alcohol (PVA)

Polymer laminate

### Respiratory protection

An exposure assessment may be needed to decide if a respirator is required. If a respirator is needed, use respirators as part of a full respiratory protection program. Based on the results of the exposure assessment, select from the following respirator type(s) to reduce inhalation exposure:

Half facepiece or full facepiece supplied-air respirator

For questions about suitability for a specific application, consult with your respirator manufacturer.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|                                                |                                                          |
|------------------------------------------------|----------------------------------------------------------|
| <b>General Physical Form:</b>                  | Liquid                                                   |
| <b>Specific Physical Form:</b>                 | Aerosol                                                  |
| <b>Odor, Color, Grade:</b>                     | Black. Slight ketone odor.                               |
| <b>pH</b>                                      | <i>No Data Available</i>                                 |
| <b>Melting point</b>                           | <i>No Data Available</i>                                 |
| <b>Boiling Point</b>                           | 131 °F                                                   |
| <b>Flash Point</b>                             | < 63 °F                                                  |
| <b>Evaporation rate</b>                        | <i>No Data Available</i>                                 |
| <b>Flammability (solid, gas)</b>               | Not Applicable                                           |
| <b>Flammable Limits(LEL)</b>                   | 1.2 % volume                                             |
| <b>Flammable Limits(UEL)</b>                   | 13 % volume                                              |
| <b>Vapor Pressure</b>                          | 175 mmHg                                                 |
| <b>Vapor Density</b>                           | <i>No Data Available</i>                                 |
| <b>Density</b>                                 | 0.752 g/ml                                               |
| <b>Specific Gravity</b>                        | 0.752 [Ref Std: WATER=1]                                 |
| <b>Solubility in Water</b>                     | Nil                                                      |
| <b>Solubility- non-water</b>                   | <i>No Data Available</i>                                 |
| <b>Partition coefficient: n-octanol/ water</b> | <i>No Data Available</i>                                 |
| <b>Autoignition temperature</b>                | <i>No Data Available</i>                                 |
| <b>Decomposition temperature</b>               | <i>No Data Available</i>                                 |
| <b>Viscosity</b>                               | <i>No Data Available</i>                                 |
| <b>Hazardous Air Pollutants</b>                | 2.78 lb HAPS/lb solids [Test Method: Calculated]         |
| <b>Volatile Organic Compounds</b>              | 430 g/l [Test Method: calculated SCAQMD rule 443.1]      |
| <b>Volatile Organic Compounds</b>              | 57.1 % weight [Test Method: calculated per CARB title 2] |
| <b>Percent volatile</b>                        | 92.1 % weight                                            |

VOC Less H<sub>2</sub>O & Exempt Solvents  
VOC Less H<sub>2</sub>O & Exempt Solvents

644 g/l [*Test Method:* calculated SCAQMD rule 443.1]  
5.38 lb/gal [*Test Method:* calculated SCAQMD rule 443.1]

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

This material may be reactive with certain agents under certain conditions - see the remaining headings in this section.

### 10.2. Chemical stability

Stable.

### 10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

### 10.4. Conditions to avoid

Heat  
Sparks and/or flames

### 10.5. Incompatible materials

Strong acids  
Strong oxidizing agents  
Alkali and alkaline earth metals

### 10.6. Hazardous decomposition products

| <u>Substance</u> | <u>Condition</u> |
|------------------|------------------|
| None known.      |                  |

Refer to section 5.2 for hazardous decomposition products during combustion.

## SECTION 11: Toxicological information

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. In addition, toxicological data on ingredients may not be reflected in the material classification and/or the signs and symptoms of exposure, because an ingredient may be present below the threshold for labeling, an ingredient may not be available for exposure, or the data may not be relevant to the material as a whole.

### 11.1. Information on Toxicological effects

#### Signs and Symptoms of Exposure

Based on test data and/or information on the components, this material may produce the following health effects:

#### Inhalation:

May be harmful if inhaled.

Simple Asphyxiation: Signs/symptoms may include increased heart rate, rapid respirations, drowsiness, headache, incoordination, altered judgement, nausea, vomiting, lethargy, seizures, coma, and may be fatal.

Respiratory Tract Irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

May cause additional health effects (see below).

**Skin Contact:**

Skin Irritation: Signs/symptoms may include localized redness, swelling, itching, dryness, cracking, blistering, and pain.

**Eye Contact:**

Severe Eye Irritation: Signs/symptoms may include significant redness, swelling, pain, tearing, cloudy appearance of the cornea, and impaired vision.

**Ingestion:**

Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

May cause additional health effects (see below).

**Additional Health Effects:****Single exposure may cause target organ effects:**

Central Nervous System (CNS) Depression: Signs/symptoms may include headache, dizziness, drowsiness, incoordination, nausea, slowed reaction time, slurred speech, giddiness, and unconsciousness.

Cardiac Sensitization: Signs/symptoms may include irregular heartbeat (arrhythmia), faintness, chest pain, and may be fatal.

**Prolonged or repeated exposure may cause target organ effects:**

Ocular Effects: Signs/symptoms may include blurred or significantly impaired vision.

Auditory Effects: Signs/symptoms may include hearing impairment, balance dysfunction and ringing in the ears.

Olfactory Effects: Signs/symptoms may include decreased ability to detect odors and/or complete loss of smell.

Neurological Effects: Signs/symptoms may include personality changes, lack of coordination, sensory loss, tingling or numbness of the extremities, weakness, tremors, and/or changes in blood pressure and heart rate.

**Reproductive/Developmental Toxicity:**

Contains a chemical or chemicals which can cause birth defects or other reproductive harm.

**Carcinogenicity:**

Contains a chemical or chemicals which can cause cancer.

| <b>Ingredient</b>      | <b>CAS No.</b> | <b>Class Description</b>      | <b>Regulation</b>                           |
|------------------------|----------------|-------------------------------|---------------------------------------------|
| Carbon Black           | 1333-86-4      | Grp. 2B: Possible human carc. | International Agency for Research on Cancer |
| Methyl Isobutyl Ketone | 108-10-1       | Grp. 2B: Possible human carc. | International Agency for Research on Cancer |

**Toxicological Data**

If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

**Acute Toxicity**

| <b>Name</b>                           | <b>Route</b>               | <b>Species</b> | <b>Value</b>                                    |
|---------------------------------------|----------------------------|----------------|-------------------------------------------------|
| Overall product                       | Inhalation-Vapor(4 hr)     |                | No data available; calculated ATE 20 - 50 mg/l  |
| Overall product                       | Ingestion                  |                | No data available; calculated ATE > 5,000 mg/kg |
| Acetone                               | Dermal                     | Rabbit         | LD50 > 15,688 mg/kg                             |
| Acetone                               | Inhalation-Vapor (4 hours) | Rat            | LC50 76 mg/l                                    |
| Acetone                               | Ingestion                  | Rat            | LD50 5,800 mg/kg                                |
| Petroleum Gases, Liquified, Sweetened | Inhalation-Gas (4 hours)   | Rat            | LC50 277,000 ppm                                |



|                            |                            |        |                                          |
|----------------------------|----------------------------|--------|------------------------------------------|
| Toluene                    | Dermal                     | Rat    | LD50 12,000 mg/kg                        |
| Toluene                    | Inhalation-Vapor (4 hours) | Rat    | LC50 30 mg/l                             |
| Toluene                    | Ingestion                  | Rat    | LD50 5,550 mg/kg                         |
| Methyl Isobutyl Ketone     | Dermal                     | Rabbit | LD50 > 16,000 mg/kg                      |
| Methyl Isobutyl Ketone     | Inhalation-Vapor (4 hours) | Rat    | LC50 >8.2,<16.4 mg/l                     |
| Methyl Isobutyl Ketone     | Ingestion                  | Rat    | LD50 3,038 mg/kg                         |
| Ethyl Acetone              | Dermal                     | Rabbit | LD50 > 18,000 mg/kg                      |
| Ethyl Acetone              | Inhalation-Vapor (4 hours) | Rat    | LC50 70.5 mg/l                           |
| Ethyl Acetone              | Ingestion                  | Rat    | LD50 5,620 mg/kg                         |
| Methyl Ethyl Ketone        | Dermal                     | Rabbit | LD50 > 8,050 mg/kg                       |
| Methyl Ethyl Ketone        | Inhalation-Vapor (4 hours) | Rat    | LC50 34.5 mg/l                           |
| Methyl Ethyl Ketone        | Ingestion                  | Rat    | LD50 2,737 mg/kg                         |
| Nepheline Syenite          | Dermal                     |        | LD50 estimated to be > 5,000 mg/kg       |
| Nepheline Syenite          | Ingestion                  |        | LD50 estimated to be 2,000 - 5,000 mg/kg |
| 2-(propyloxy) ethanol      | Dermal                     | Rabbit | LD50 1,337 mg/kg                         |
| 2-(propyloxy) ethanol      | Inhalation-Vapor (4 hours) | Rat    | LC50 > 11.1 mg/l                         |
| 2-(propyloxy) ethanol      | Ingestion                  | Rat    | LD50 3,089 mg/kg                         |
| 1-methoxy-2-propyl acetate | Dermal                     | Rabbit | LD50 > 5,000 mg/kg                       |
| 1-methoxy-2-propyl acetate | Inhalation-Vapor (4 hours) | Rat    | LC50 > 28.8 mg/l                         |
| 1-methoxy-2-propyl acetate | Ingestion                  | Rat    | LD50 8,532 mg/kg                         |
| Carbon Black               | Dermal                     | Rabbit | LD50 > 3,000 mg/kg                       |
| Carbon Black               | Ingestion                  | Rat    | LD50 > 8,000 mg/kg                       |

ATE = acute toxicity estimate

### Skin Corrosion/Irritation

| Name                                  | Species                | Value                     |
|---------------------------------------|------------------------|---------------------------|
| Acetone                               | Mouse                  | Minimal irritation        |
| Petroleum Gases, Liquified, Sweetened | Professional judgement | No significant irritation |
| Toluene                               | Rabbit                 | Irritant                  |
| Methyl Isobutyl Ketone                | Rabbit                 | Mild irritant             |
| Ethyl Acetone                         | Rabbit                 | Minimal irritation        |
| Methyl Ethyl Ketone                   | Rabbit                 | Minimal irritation        |
| Nepheline Syenite                     | Professional judgement | No significant irritation |
| 1-methoxy-2-propyl acetate            | Rabbit                 | No significant irritation |
| Carbon Black                          | Rabbit                 | No significant irritation |

### Serious Eye Damage/Irritation

| Name                                  | Species                | Value                     |
|---------------------------------------|------------------------|---------------------------|
| Acetone                               | Rabbit                 | Severe irritant           |
| Petroleum Gases, Liquified, Sweetened | Professional judgement | No significant irritation |
| Toluene                               | Rabbit                 | Moderate irritant         |
| Methyl Isobutyl Ketone                | Rabbit                 | Mild irritant             |
| Ethyl Acetone                         | Rabbit                 | Mild irritant             |

|                            |                        |                           |
|----------------------------|------------------------|---------------------------|
| Methyl Ethyl Ketone        | Rabbit                 | Severe irritant           |
| Nepheline Syenite          | Professional judgement | Mild irritant             |
| 1-methoxy-2-propyl acetate | Rabbit                 | Mild irritant             |
| Carbon Black               | Rabbit                 | No significant irritation |

### Skin Sensitization

| Name                       | Species    | Value           |
|----------------------------|------------|-----------------|
| Toluene                    | Guinea pig | Not sensitizing |
| Methyl Isobutyl Ketone     | Guinea pig | Not sensitizing |
| Ethyl Acetone              | Guinea pig | Not sensitizing |
| 1-methoxy-2-propyl acetate | Guinea pig | Not sensitizing |

### Respiratory Sensitization

For the component/components, either no data are currently available or the data are not sufficient for classification.

### Germ Cell Mutagenicity

| Name                                  | Route    | Value                                                                        |
|---------------------------------------|----------|------------------------------------------------------------------------------|
| Acetone                               | In vivo  | Not mutagenic                                                                |
| Acetone                               | In Vitro | Some positive data exist, but the data are not sufficient for classification |
| Petroleum Gases, Liquified, Sweetened | In Vitro | Not mutagenic                                                                |
| Toluene                               | In Vitro | Not mutagenic                                                                |
| Toluene                               | In vivo  | Not mutagenic                                                                |
| Methyl Isobutyl Ketone                | In Vitro | Not mutagenic                                                                |
| Ethyl Acetone                         | In Vitro | Not mutagenic                                                                |
| Ethyl Acetone                         | In vivo  | Not mutagenic                                                                |
| Methyl Ethyl Ketone                   | In Vitro | Not mutagenic                                                                |
| 1-methoxy-2-propyl acetate            | In Vitro | Not mutagenic                                                                |
| Carbon Black                          | In Vitro | Not mutagenic                                                                |
| Carbon Black                          | In vivo  | Some positive data exist, but the data are not sufficient for classification |

### Carcinogenicity

| Name                   | Route         | Species                 | Value                                                                        |
|------------------------|---------------|-------------------------|------------------------------------------------------------------------------|
| Acetone                | Not Specified | Multiple animal species | Not carcinogenic                                                             |
| Toluene                | Dermal        | Mouse                   | Some positive data exist, but the data are not sufficient for classification |
| Toluene                | Ingestion     | Rat                     | Some positive data exist, but the data are not sufficient for classification |
| Toluene                | Inhalation    | Mouse                   | Some positive data exist, but the data are not sufficient for classification |
| Methyl Isobutyl Ketone | Inhalation    | Multiple animal species | Carcinogenic                                                                 |
| Methyl Ethyl Ketone    | Inhalation    | Human                   | Not carcinogenic                                                             |
| Carbon Black           | Dermal        | Mouse                   | Not carcinogenic                                                             |
| Carbon Black           | Ingestion     | Mouse                   | Not carcinogenic                                                             |
| Carbon Black           | Inhalation    | Rat                     | Carcinogenic                                                                 |

### Reproductive Toxicity

#### Reproductive and/or Developmental Effects

| Name | Route | Value | Species | Test Result | Exposure Duration |
|------|-------|-------|---------|-------------|-------------------|
|------|-------|-------|---------|-------------|-------------------|

|                            |            |                                                                                                  |                         |                        |                              |
|----------------------------|------------|--------------------------------------------------------------------------------------------------|-------------------------|------------------------|------------------------------|
| Acetone                    | Ingestion  | Not toxic to female reproduction                                                                 | Mouse                   | NOAEL 11,298 mg/kg/day | 13 weeks                     |
| Acetone                    | Ingestion  | Some positive male reproductive data exist, but the data are not sufficient for classification   | Rat                     | NOAEL 1,700 mg/kg/day  | 13 weeks                     |
| Acetone                    | Inhalation | Some positive developmental data exist, but the data are not sufficient for classification       | Rat                     | NOAEL 5.2 mg/l         | during organogenesis         |
| Toluene                    | Inhalation | Some positive female reproductive data exist, but the data are not sufficient for classification | Human                   | NOAEL Not available    | occupational exposure        |
| Toluene                    | Inhalation | Some positive male reproductive data exist, but the data are not sufficient for classification   | Rat                     | NOAEL 2.3 mg/l         | 1 generation                 |
| Toluene                    | Ingestion  | Toxic to development                                                                             | Rat                     | LOAEL 520 mg/kg/day    | during gestation             |
| Toluene                    | Inhalation | Toxic to development                                                                             | Human                   | NOAEL Not available    | poisoning and/or abuse       |
| Methyl Isobutyl Ketone     | Inhalation | Not toxic to female reproduction                                                                 | Multiple animal species | NOAEL 8.2 mg/l         | 2 generation                 |
| Methyl Isobutyl Ketone     | Ingestion  | Some positive male reproductive data exist, but the data are not sufficient for classification   | Rat                     | NOAEL 1,000 mg/kg/day  | 13 weeks                     |
| Methyl Isobutyl Ketone     | Inhalation | Some positive male reproductive data exist, but the data are not sufficient for classification   | Multiple animal species | NOAEL 8.2 mg/l         | 2 generation                 |
| Methyl Isobutyl Ketone     | Inhalation | Some positive developmental data exist, but the data are not sufficient for classification       | Mouse                   | NOAEL 12.3 mg/l        | during organogenesis         |
| Methyl Ethyl Ketone        | Inhalation | Not toxic to female reproduction                                                                 | Rat                     | NOAEL 14.7 mg/l        | 90 days                      |
| Methyl Ethyl Ketone        | Inhalation | Not toxic to male reproduction                                                                   | Rat                     | NOAEL 14.7 mg/l        | 90 days                      |
| Methyl Ethyl Ketone        | Inhalation | Some positive developmental data exist, but the data are not sufficient for classification       | Rat                     | LOAEL 8.8 mg/l         | during gestation             |
| 1-methoxy-2-propyl acetate | Ingestion  | Not toxic to female reproduction                                                                 | Rat                     | NOAEL 1,000 mg/kg/day  | premating & during gestation |
| 1-methoxy-2-propyl acetate | Ingestion  | Not toxic to male reproduction                                                                   | Rat                     | NOAEL 1,000 mg/kg/day  | premating & during gestation |
| 1-methoxy-2-propyl acetate | Ingestion  | Not toxic to development                                                                         | Rat                     | NOAEL 1,000 mg/kg/day  | premating & during gestation |
| 1-methoxy-2-propyl acetate | Inhalation | Not toxic to development                                                                         | Rat                     | NOAEL 21.6 mg/l        | during organogenesis         |

## Target Organ(s)

### Specific Target Organ Toxicity - single exposure

| Name    | Route      | Target Organ(s)                   | Value                                                                        | Species    | Test Result         | Exposure Duration |
|---------|------------|-----------------------------------|------------------------------------------------------------------------------|------------|---------------------|-------------------|
| Acetone | Inhalation | central nervous system depression | May cause drowsiness or dizziness                                            | Human      | NOAEL Not available |                   |
| Acetone | Inhalation | respiratory irritation            | Some positive data exist, but the data are not sufficient for classification | Human      | NOAEL Not available |                   |
| Acetone | Inhalation | immune system                     | Some positive data exist, but the data are not sufficient for classification | Human      | NOAEL 1.19 mg/l     | 6 hours           |
| Acetone | Inhalation | liver                             | Some positive data exist, but the data are not sufficient for classification | Guinea pig | NOAEL Not available |                   |

|                                       |            |                                   |                                                                              |                         |                     |                        |
|---------------------------------------|------------|-----------------------------------|------------------------------------------------------------------------------|-------------------------|---------------------|------------------------|
| Acetone                               | Ingestion  | central nervous system depression | May cause drowsiness or dizziness                                            | Human                   | NOAEL Not available | poisoning and/or abuse |
| Petroleum Gases, Liquified, Sweetened | Inhalation | cardiac sensitization             | Causes damage to organs                                                      | similar compounds       | NOAEL Not available |                        |
| Petroleum Gases, Liquified, Sweetened | Inhalation | central nervous system depression | May cause drowsiness or dizziness                                            |                         | NOAEL Not available |                        |
| Petroleum Gases, Liquified, Sweetened | Inhalation | respiratory irritation            | All data are negative                                                        |                         | NOAEL Not available |                        |
| Toluene                               | Inhalation | central nervous system depression | May cause drowsiness or dizziness                                            | Human                   | NOAEL Not available |                        |
| Toluene                               | Inhalation | respiratory irritation            | Some positive data exist, but the data are not sufficient for classification | Human                   | NOAEL Not available |                        |
| Toluene                               | Inhalation | immune system                     | Some positive data exist, but the data are not sufficient for classification | Mouse                   | NOAEL 0.004 mg/l    | 3 hours                |
| Toluene                               | Ingestion  | central nervous system depression | May cause drowsiness or dizziness                                            | Human                   | NOAEL Not available | poisoning and/or abuse |
| Methyl Isobutyl Ketone                | Inhalation | central nervous system depression | May cause drowsiness or dizziness                                            | Human                   | LOAEL 0.10 mg/l     | 2 hours                |
| Methyl Isobutyl Ketone                | Inhalation | respiratory irritation            | May cause respiratory irritation                                             | Human                   | NOAEL 0.9 mg/l      | 7 minutes              |
| Methyl Isobutyl Ketone                | Inhalation | vascular system                   | Some positive data exist, but the data are not sufficient for classification | Dog                     | NOAEL Not available | not available          |
| Methyl Isobutyl Ketone                | Ingestion  | central nervous system depression | May cause drowsiness or dizziness                                            | Rat                     | LOAEL 900 mg/kg     | not applicable         |
| Ethyl Acetone                         | Inhalation | central nervous system depression | May cause drowsiness or dizziness                                            | Human                   | NOAEL Not available |                        |
| Ethyl Acetone                         | Inhalation | respiratory irritation            | Some positive data exist, but the data are not sufficient for classification | Human                   | NOAEL Not available |                        |
| Ethyl Acetone                         | Ingestion  | central nervous system depression | May cause drowsiness or dizziness                                            | Human                   | NOAEL Not available |                        |
| Methyl Ethyl Ketone                   | Inhalation | central nervous system depression | May cause drowsiness or dizziness                                            | official classification | NOAEL Not available |                        |
| Methyl Ethyl Ketone                   | Inhalation | respiratory irritation            | Some positive data exist, but the data are not sufficient for classification | Human                   | NOAEL Not available |                        |
| Methyl Ethyl Ketone                   | Ingestion  | liver                             | Some positive data exist, but the data are not sufficient for classification | Rat                     | NOAEL Not available | not applicable         |
| Methyl Ethyl Ketone                   | Ingestion  | kidney and/or bladder             | Some positive data exist, but the data are not sufficient for classification | Rat                     | LOAEL 1,080 mg/kg   | not applicable         |
| 1-methoxy-2-propyl acetate            | Inhalation | respiratory irritation            | Some positive data exist, but the data are not sufficient for classification |                         | NOAEL Not available |                        |

#### Specific Target Organ Toxicity - repeated exposure

| Name    | Route      | Target Organ(s)       | Value                                                                        | Species    | Test Result         | Exposure Duration |
|---------|------------|-----------------------|------------------------------------------------------------------------------|------------|---------------------|-------------------|
| Acetone | Dermal     | eyes                  | Some positive data exist, but the data are not sufficient for classification | Guinea pig | NOAEL Not available | 3 weeks           |
| Acetone | Inhalation | hematopoietic system  | Some positive data exist, but the data are not sufficient for classification | Human      | NOAEL 3 mg/l        | 6 weeks           |
| Acetone | Inhalation | immune system         | Some positive data exist, but the data are not sufficient for classification | Human      | NOAEL 1.19 mg/l     | 6 days            |
| Acetone | Inhalation | kidney and/or bladder | Some positive data exist, but the data are not sufficient for classification | Guinea pig | NOAEL 119 mg/l      | not available     |
| Acetone | Inhalation | heart   liver         | All data are negative                                                        | Rat        | NOAEL 45 mg/l       | 8 weeks           |

|                                       |            |                                                            |                                                                              |                         |                        |                        |
|---------------------------------------|------------|------------------------------------------------------------|------------------------------------------------------------------------------|-------------------------|------------------------|------------------------|
| Acetone                               | Ingestion  | kidney and/or bladder                                      | Some positive data exist, but the data are not sufficient for classification | Rat                     | NOAEL 900 mg/kg/day    | 13 weeks               |
| Acetone                               | Ingestion  | heart                                                      | Some positive data exist, but the data are not sufficient for classification | Rat                     | NOAEL 2,500 mg/kg/day  | 13 weeks               |
| Acetone                               | Ingestion  | hematopoietic system                                       | Some positive data exist, but the data are not sufficient for classification | Rat                     | NOAEL 200 mg/kg/day    | 13 weeks               |
| Acetone                               | Ingestion  | liver                                                      | Some positive data exist, but the data are not sufficient for classification | Mouse                   | NOAEL 3,896 mg/kg/day  | 14 days                |
| Acetone                               | Ingestion  | eyes                                                       | All data are negative                                                        | Rat                     | NOAEL 3,400 mg/kg/day  | 13 weeks               |
| Acetone                               | Ingestion  | respiratory system                                         | All data are negative                                                        | Rat                     | NOAEL 2,500 mg/kg/day  | 13 weeks               |
| Acetone                               | Ingestion  | muscles                                                    | All data are negative                                                        | Rat                     | NOAEL 2,500 mg/kg      | 13 weeks               |
| Acetone                               | Ingestion  | skin   bone, teeth, nails, and/or hair                     | All data are negative                                                        | Mouse                   | NOAEL 11,298 mg/kg/day | 13 weeks               |
| Petroleum Gases, Liquified, Sweetened | Inhalation | kidney and/or bladder                                      | Some positive data exist, but the data are not sufficient for classification | Rat                     | NOAEL Not available    |                        |
| Toluene                               | Inhalation | auditory system   nervous system   eyes   olfactory system | Causes damage to organs through prolonged or repeated exposure               | Human                   | NOAEL Not available    | poisoning and/or abuse |
| Toluene                               | Inhalation | respiratory system                                         | Some positive data exist, but the data are not sufficient for classification | Rat                     | LOAEL 2.3 mg/l         | 15 months              |
| Toluene                               | Inhalation | heart   liver   kidney and/or bladder                      | Some positive data exist, but the data are not sufficient for classification | Rat                     | NOAEL 11.3 mg/l        | 15 weeks               |
| Toluene                               | Inhalation | endocrine system                                           | Some positive data exist, but the data are not sufficient for classification | Rat                     | NOAEL 1.1 mg/l         | 4 weeks                |
| Toluene                               | Inhalation | immune system                                              | Some positive data exist, but the data are not sufficient for classification | Mouse                   | NOAEL Not available    | 20 days                |
| Toluene                               | Inhalation | bone, teeth, nails, and/or hair                            | Some positive data exist, but the data are not sufficient for classification | Mouse                   | NOAEL 1.1 mg/l         | 8 weeks                |
| Toluene                               | Inhalation | hematopoietic system   vascular system                     | Some positive data exist, but the data are not sufficient for classification | Human                   | NOAEL Not available    | occupational exposure  |
| Toluene                               | Ingestion  | nervous system                                             | Some positive data exist, but the data are not sufficient for classification | Rat                     | NOAEL 625 mg/kg/day    | 13 weeks               |
| Toluene                               | Ingestion  | heart                                                      | Some positive data exist, but the data are not sufficient for classification | Rat                     | NOAEL 2,500 mg/kg/day  | 13 weeks               |
| Toluene                               | Ingestion  | liver   kidney and/or bladder                              | Some positive data exist, but the data are not sufficient for classification | Multiple animal species | NOAEL 2,500 mg/kg/day  | 13 weeks               |
| Toluene                               | Ingestion  | hematopoietic system                                       | Some positive data exist, but the data are not sufficient for classification | Mouse                   | NOAEL 600 mg/kg/day    | 14 days                |
| Toluene                               | Ingestion  | endocrine system                                           | Some positive data exist, but the data are not sufficient for classification | Mouse                   | NOAEL 105 mg/kg/day    | 28 days                |
| Toluene                               | Ingestion  | immune system                                              | Some positive data exist, but the data are not sufficient for classification | Mouse                   | NOAEL 105 mg/kg/day    | 4 weeks                |
| Methyl Isobutyl Ketone                | Inhalation | liver                                                      | Some positive data exist, but the data are not sufficient for                | Rat                     | NOAEL 0.41 mg/l        | 13 weeks               |

|                            |            |                                                                                                             | classification                                                               |                         |                       |                       |
|----------------------------|------------|-------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|-------------------------|-----------------------|-----------------------|
| Methyl Isobutyl Ketone     | Inhalation | heart                                                                                                       | Some positive data exist, but the data are not sufficient for classification | Multiple animal species | NOAEL 0.8 mg/l        | 2 weeks               |
| Methyl Isobutyl Ketone     | Inhalation | kidney and/or bladder                                                                                       | Some positive data exist, but the data are not sufficient for classification | Multiple animal species | NOAEL 0.4 mg/l        | 90 days               |
| Methyl Isobutyl Ketone     | Inhalation | respiratory system                                                                                          | All data are negative                                                        | Multiple animal species | NOAEL 4.1 mg/l        | 14 weeks              |
| Methyl Isobutyl Ketone     | Inhalation | endocrine system   hematopoietic system                                                                     | All data are negative                                                        | Multiple animal species | NOAEL 0.41 mg/l       | 90 days               |
| Methyl Isobutyl Ketone     | Inhalation | nervous system                                                                                              | All data are negative                                                        | Multiple animal species | NOAEL 0.41 mg/l       | 13 weeks              |
| Methyl Isobutyl Ketone     | Ingestion  | endocrine system   hematopoietic system   liver   kidney and/or bladder                                     | Some positive data exist, but the data are not sufficient for classification | Rat                     | NOAEL 1,000 mg/kg/day | 13 weeks              |
| Methyl Isobutyl Ketone     | Ingestion  | heart   immune system   muscles   nervous system   respiratory system                                       | All data are negative                                                        | Rat                     | NOAEL 1,040 mg/kg/day | 120 days              |
| Ethyl Acetone              | Inhalation | endocrine system   liver   nervous system                                                                   | Some positive data exist, but the data are not sufficient for classification | Rat                     | NOAEL 0.043 mg/l      | 90 days               |
| Ethyl Acetone              | Inhalation | hematopoietic system                                                                                        | Some positive data exist, but the data are not sufficient for classification | Rabbit                  | LOAEL 16 mg/l         | 40 days               |
| Ethyl Acetone              | Ingestion  | hematopoietic system   liver   kidney and/or bladder                                                        | Some positive data exist, but the data are not sufficient for classification | Rat                     | NOAEL 3,600 mg/kg/day | 90 days               |
| Methyl Ethyl Ketone        | Dermal     | nervous system                                                                                              | All data are negative                                                        | Guinea pig              | NOAEL Not available   | 31 weeks              |
| Methyl Ethyl Ketone        | Inhalation | liver   kidney and/or bladder                                                                               | Some positive data exist, but the data are not sufficient for classification | Rat                     | NOAEL 14.7 mg/l       | 90 days               |
| Methyl Ethyl Ketone        | Inhalation | heart   endocrine system   bone, teeth, nails, and/or hair   hematopoietic system   immune system   muscles | All data are negative                                                        | Rat                     | NOAEL 14.7 mg/l       | 90 days               |
| Methyl Ethyl Ketone        | Ingestion  | liver                                                                                                       | Some positive data exist, but the data are not sufficient for classification | Rat                     | NOAEL Not available   | 7 days                |
| Methyl Ethyl Ketone        | Ingestion  | nervous system                                                                                              | All data are negative                                                        | Rat                     | NOAEL 173 mg/kg/day   | 90 days               |
| 1-methoxy-2-propyl acetate | Inhalation | kidney and/or bladder                                                                                       | Some positive data exist, but the data are not sufficient for classification | Rat                     | NOAEL 16.2 mg/l       | 9 days                |
| 1-methoxy-2-propyl acetate | Inhalation | olfactory system                                                                                            | Some positive data exist, but the data are not sufficient for classification | Mouse                   | LOAEL 1.62 mg/l       | 9 days                |
| 1-methoxy-2-propyl acetate | Inhalation | blood                                                                                                       | All data are negative                                                        | Multiple animal species | NOAEL 16.2 mg/l       | 9 days                |
| 1-methoxy-2-propyl acetate | Ingestion  | endocrine system                                                                                            | Some positive data exist, but the data are not sufficient for classification | Rat                     | NOAEL 1,000 mg/kg/day | 44 days               |
| Carbon Black               | Inhalation | pneumoconiosis                                                                                              | Some positive data exist, but the data are not sufficient for classification | Human                   | NOAEL Not available   | occupational exposure |

## Aspiration Hazard

| Name                   | Value                                                                        |
|------------------------|------------------------------------------------------------------------------|
| Toluene                | Aspiration hazard                                                            |
| Methyl Isobutyl Ketone | Some positive data exist, but the data are not sufficient for classification |

Please contact the address or phone number listed on the first page of the SDS for additional toxicological information on this material and/or its components.

## SECTION 12: Ecological information

### Ecotoxicological information

Please contact the address or phone number listed on the first page of the SDS for additional ecotoxicological information on this material and/or its components.

### Chemical fate information

Please contact the address or phone number listed on the first page of the SDS for additional chemical fate information on this material and/or its components.

## SECTION 13: Disposal considerations

### 13.1. Disposal methods

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

Incinerate in a permitted waste incineration facility. Facility must be capable of handling aerosol cans. As a disposal alternative, utilize an acceptable permitted waste disposal facility. Empty drums/barrels/containers used for transporting and handling hazardous chemicals (chemical substances/mixtures/preparations classified as Hazardous as per applicable regulations) shall be considered, stored, treated & disposed of as hazardous wastes unless otherwise defined by applicable waste regulations. Consult with the respective regulating authorities to determine the available treatment and disposal facilities.

## SECTION 14: Transport Information

For Transport Information, please visit <http://3M.com/Transportinfo> or call 1-800-364-3577 or 651-737-6501.

## SECTION 15: Regulatory information

### 15.1. US Federal Regulations

Contact 3M for more information.

#### 311/312 Hazard Categories:

Fire Hazard - Yes   Pressure Hazard - Yes   Reactivity Hazard - No   Immediate Hazard - Yes   Delayed Hazard - Yes

Section 313 Toxic Chemicals subject to the reporting requirements of that section and 40 CFR part 372 (EPCRA):

| <u>Ingredient</u>                     | <u>C.A.S. No</u> | <u>% by Wt</u> |
|---------------------------------------|------------------|----------------|
| Methyl Isobutyl Ketone                | 108-10-1         | 3 - 7          |
| Toluene                               | 108-88-3         | 10 - 30        |
| 2-(propyloxy) ethanol (GLYCOL ETHERS) | 2807-30-9        | <= 1           |

### 15.2. State Regulations

Contact 3M for more information.

### California Proposition 65

| <u>Ingredient</u>      | <u>C.A.S. No.</u> | <u>Classification</u>     |
|------------------------|-------------------|---------------------------|
| Methyl Isobutyl Ketone | 108-10-1          | Carcinogen                |
| Methyl Isobutyl Ketone | 108-10-1          | Developmental Toxin       |
| Toluene                | 108-88-3          | Female reproductive toxin |
| Toluene                | 108-88-3          | Developmental Toxin       |
| Carbon Black           | 1333-86-4         | Carcinogen                |

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

WARNING: This product contains a chemical known to the State of California to cause cancer.

### 15.3. Chemical Inventories

The components of this product are in compliance with the chemical notification requirements of TSCA.

Contact 3M for more information.

### 15.4. International Regulations

Contact 3M for more information.

**This SDS has been prepared to meet the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200.**

## SECTION 16: Other information

### NFPA Hazard Classification

**Health: 2 Flammability: 3 Instability: 1 Special Hazards: None**  
**Aerosol Storage Code: 2**

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel to address the hazards that are presented by short-term, acute exposure to a material under conditions of fire, spill, or similar emergencies. Hazard ratings are primarily based on the inherent physical and toxic properties of the material but also include the toxic properties of combustion or decomposition products that are known to be generated in significant quantities.

### HMIS Hazard Classification

**Health: 2 Flammability: 3 Physical Hazard: 1 Personal Protection: X** - See PPE section.

Hazardous Material Identification System (HMIS® III) hazard ratings are designed to inform employees of chemical hazards in the workplace. These ratings are based on the inherent properties of the material under expected conditions of normal use and are not intended for use in emergency situations. HMIS® III ratings are to be used with a fully implemented HMIS® III program. HMIS® is a registered mark of the American Coatings Association (ACA).

|                        |           |                         |          |
|------------------------|-----------|-------------------------|----------|
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