



## Safety Data Sheet

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### SECTION 1: Identification

#### 1.1. Product identifier

Scotchgard™ Outdoor Water Shield 5020

#### Product Identification Numbers

70-0052-6224-4, 70-0052-8367-9, 70-0052-8647-4, 70-0052-8664-9, 70-0052-8719-1, 70-0070-1299-3, 70-0070-2877-5, 70-0070-4254-5, 70-0070-6155-2

7010371196, 7100091461, 7010311569, 7100092819, 7100150872, 7100179176, 7100208407, 7100246743

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

##### Recommended use

Repellent

#### 1.3. Supplier's details

**MANUFACTURER:** 3M  
**DIVISION:** Home and Auto Care  
**ADDRESS:** 3M Center, St. Paul, MN 55144-1000, USA  
**Telephone:** 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

#### 2.1. Hazard classification

Flammable Aerosol: Category 1.

Gas Under Pressure: Liquefied gas.

Aspiration Hazard: Category 1.

Simple Asphyxiant.

Specific Target Organ Toxicity (single exposure): Category 1.

Specific Target Organ Toxicity (single exposure): Category 3.

#### 2.2. Label elements

##### Signal word

Danger

##### Symbols

Flame | Gas cylinder | Exclamation mark | Health Hazard |

**Pictograms****Hazard Statements**

Extremely flammable aerosol.

Contains gas under pressure; may explode if heated.

May be fatal if swallowed and enters airways.

May cause drowsiness or dizziness.

May displace oxygen and cause rapid suffocation.

Causes damage to organs:  
cardiovascular system |

**Precautionary Statements****General:**

Keep out of reach of children.

**Prevention:**

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.

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 exposed: Call a POISON CENTER or doctor/physician.

Do NOT induce vomiting.

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

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

**Storage:**

Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

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**

Repeated exposure may cause skin dryness or cracking.

**Supplemental Information:**

Intentional concentration and inhalation may be harmful or fatal.

3% of the mixture consists of ingredients of unknown acute oral toxicity.

### SECTION 3: Composition/information on ingredients

| Ingredient                               | C.A.S. No.    | % by Wt                |
|------------------------------------------|---------------|------------------------|
| Hydrotreated Light Petroleum Distillates | 64742-47-8    | 60 - 70 Trade Secret * |
| Petroleum Gases, Liquified, Sweetened    | 68476-86-8    | 23 - 27 Trade Secret * |
| Proprietary Silicone Mixture             | Trade Secret* | 2 - 7                  |
| Proprietary Resin                        | Trade Secret* | 0.5 - 4 Trade Secret * |
| Proprietary Crosslinker                  | Trade Secret* | < 1                    |

\*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:

Wash with soap and water. If signs/symptoms develop, get medical attention.

##### Eye Contact:

Flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. If signs/symptoms persist, get medical attention.

##### If Swallowed:

Do not induce vomiting. Get immediate medical attention.

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

Aspiration pneumonitis (coughing, gasping, choking, burning of the mouth, and difficulty breathing). Central nervous system depression (headache, dizziness, drowsiness, incoordination, nausea, slurred speech, giddiness, and unconsciousness). Target organ effects. See Section 11 for additional details.

#### 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

Formaldehyde  
Carbon monoxide  
Carbon dioxide  
Toxic Vapor, Gas, Particulate

##### Condition

During Combustion  
During Combustion  
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. Use personal protective equipment based on the results of an exposure assessment. Refer to Section 8 for PPE recommendations. If anticipated exposure resulting from an accidental release exceeds the protective capabilities of the PPE listed in Section 8, or are unknown, select PPE that offers an appropriate level of protection. Consider the physical and chemical hazards of the material when doing so. Examples of PPE ensembles for emergency response could include wearing bunker gear for a release of flammable material; wearing chemical protective clothing if the spilled material is a corrosive, a sensitizer, a significant dermal irritant, or can be absorbed through the skin; or donning a positive pressure supplied-air respirator for chemicals with inhalation hazards. For information regarding physical and health hazards, refer to sections 2 and 11 of the SDS.

### 6.2. Environmental precautions

Avoid release to the environment.

### 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. 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 in accordance with applicable local/regional/national/international regulations.

## 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. 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 contact with oxidizing agents (eg. chlorine, chromic acid etc.)

### 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 50°C/122°F. 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

No occupational exposure limit values exist for any of the components listed in Section 3 of this SDS.

## 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.

Gloves made from the following material(s) are recommended: Nitrile Rubber

#### 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 air-purifying respirator suitable for organic vapors and particulates

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

#### Appearance

##### Physical state

Liquid : Aerosol

##### Color

Colorless

#### Specific Physical Form:

Aerosol

#### Odor

Faint Hydrocarbon, Faint Petroleum

#### Odor threshold

*No Data Available*

#### pH

*Not Applicable*

#### Melting point

*Not Applicable*

#### Boiling Point

174 °C

#### Flash Point

103 °F [*Test Method*:Closed Cup] [*Details*:Liquid only; propellant flash point <0 F]

#### Evaporation rate

*No Data Available*

#### Flammability (solid, gas)

Not Applicable

#### Flammable Limits(LEL)

0.8 %

#### Flammable Limits(UEL)

6 %

#### Vapor Pressure

1.1 mmHg [*@* 68 °F]

#### Vapor Density

4.8 [*Ref Std*:AIR=1] [*Details*:Conditions: for CAS 64742-47-8]

|                                         |                                                                     |
|-----------------------------------------|---------------------------------------------------------------------|
| Density                                 | 0.76 g/cm <sup>3</sup>                                              |
| Specific Gravity                        | 0.76 [Ref Std: WATER=1]                                             |
| Solubility in Water                     | Negligible                                                          |
| Solubility- non-water                   | No Data Available                                                   |
| Partition coefficient: n-octanol/ water | No Data Available                                                   |
| Autoignition temperature                | 446 - 600 °F [Details: Conditions: for CAS 64742-47-8]              |
| Decomposition temperature               | No Data Available                                                   |
| Viscosity                               | 1.9 - 2.5 centistoke                                                |
| Molecular weight                        | No Data Available                                                   |
| Volatile Organic Compounds              | 0.94 g O <sub>3</sub> /g product [Test Method: calculated per CARB] |
| Percent volatile                        | 93.84 % weight                                                      |

## 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

### 10.5. Incompatible materials

Strong oxidizing agents

### 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:**

Prolonged or repeated exposure may cause: Dermal Defatting: Signs/symptoms may include localized redness, itching, drying and cracking of skin.

#### **Eye Contact:**

Sprayed material may cause eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

#### **Ingestion:**

Chemical (Aspiration) Pneumonitis: Signs/symptoms may include coughing, gasping, choking, burning of the mouth, difficulty breathing, bluish colored skin (cyanosis), and may be fatal.

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.

Single exposure, above recommended guidelines, may cause: Cardiac Sensitization: Signs/symptoms may include irregular heartbeat (arrhythmia), faintness, chest pain, and may be fatal.

#### **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**

| Name                                     | Route                          | Species                 | Value                                            |
|------------------------------------------|--------------------------------|-------------------------|--------------------------------------------------|
| 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   |
| Hydrotreated Light Petroleum Distillates | Inhalation-Vapor               | Professional judgment   | LC50 estimated to be 20 - 50 mg/l                |
| Hydrotreated Light Petroleum Distillates | Inhalation-Dust/Mist (4 hours) | Rat                     | LC50 > 3 mg/l                                    |
| Hydrotreated Light Petroleum Distillates | Ingestion                      | Rat                     | LD50 > 5,000 mg/kg                               |
| Hydrotreated Light Petroleum Distillates | Dermal                         | similar compounds       | LD50 > 2,000 mg/kg                               |
| Petroleum Gases, Liquified, Sweetened    | Inhalation-Gas (4 hours)       | Rat                     | LC50 277,000 ppm                                 |
| Proprietary Silicone Mixture             | Dermal                         | Multiple animal species | LD50 > 2,000 mg/kg                               |
| Proprietary Silicone Mixture             | Ingestion                      | Rat                     | LD50 > 5,000 mg/kg                               |

ATE = acute toxicity estimate

#### **Skin Corrosion/Irritation**

| Name                                     | Species                | Value                     |
|------------------------------------------|------------------------|---------------------------|
| Overall product                          | In vitro data          | No significant irritation |
| Hydrotreated Light Petroleum Distillates | Rabbit                 | Irritant                  |
| Petroleum Gases, Liquified, Sweetened    | Professional judgement | No significant irritation |
| Proprietary Silicone Mixture             | Human and animal       | No significant irritation |

### Serious Eye Damage/Irritation

| Name                                     | Species                | Value                     |
|------------------------------------------|------------------------|---------------------------|
| Hydrotreated Light Petroleum Distillates | Rabbit                 | Mild irritant             |
| Petroleum Gases, Liquified, Sweetened    | Professional judgement | No significant irritation |
| Proprietary Silicone Mixture             | Rabbit                 | No significant irritation |

### Skin Sensitization

| Name                                     | Species          | Value          |
|------------------------------------------|------------------|----------------|
| Hydrotreated Light Petroleum Distillates | Guinea pig       | Not classified |
| Proprietary Silicone Mixture             | Human and animal | Not classified |

### 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         |
|------------------------------------------|----------|---------------|
| Hydrotreated Light Petroleum Distillates | In Vitro | Not mutagenic |
| Petroleum Gases, Liquified, Sweetened    | In Vitro | Not mutagenic |
| Proprietary Silicone Mixture             | In Vitro | Not mutagenic |
| Proprietary Silicone Mixture             | In vivo  | Not mutagenic |

### Carcinogenicity

| Name                                     | Route     | Species | Value                                                                        |
|------------------------------------------|-----------|---------|------------------------------------------------------------------------------|
| Hydrotreated Light Petroleum Distillates | Dermal    | Mouse   | Some positive data exist, but the data are not sufficient for classification |
| Proprietary Silicone Mixture             | Dermal    | Mouse   | Not carcinogenic                                                             |
| Proprietary Silicone Mixture             | Ingestion | Mouse   | Not carcinogenic                                                             |

### Reproductive Toxicity

#### Reproductive and/or Developmental Effects

| Name                         | Route     | Value                          | Species | Test Result           | Exposure Duration    |
|------------------------------|-----------|--------------------------------|---------|-----------------------|----------------------|
| Proprietary Silicone Mixture | Ingestion | Not classified for development | Rat     | NOAEL 3,800 mg/kg/day | during organogenesis |
| Proprietary Silicone Mixture | Dermal    | Not classified for development | Rabbit  | NOAEL 1,000 mg/kg/day | during organogenesis |

### Target Organ(s)

**Specific Target Organ Toxicity - single exposure**

| Name                                     | Route      | Target Organ(s)                   | Value                                                                        | Species                | Test Result         | Exposure Duration |
|------------------------------------------|------------|-----------------------------------|------------------------------------------------------------------------------|------------------------|---------------------|-------------------|
| Hydrotreated Light Petroleum Distillates | Inhalation | central nervous system depression | May cause drowsiness or dizziness                                            | Human and animal       | NOAEL Not available |                   |
| Hydrotreated Light Petroleum Distillates | Inhalation | respiratory irritation            | Some positive data exist, but the data are not sufficient for classification |                        | NOAEL Not available |                   |
| Hydrotreated Light Petroleum Distillates | Ingestion  | central nervous system depression | May cause drowsiness or dizziness                                            | Professional judgement | NOAEL Not available |                   |
| 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            | Not classified                                                               |                        | NOAEL Not available |                   |

**Specific Target Organ Toxicity - repeated exposure**

| Name                                  | Route      | Target Organ(s)                                         | Value          | Species                 | Test Result           | Exposure Duration |
|---------------------------------------|------------|---------------------------------------------------------|----------------|-------------------------|-----------------------|-------------------|
| Petroleum Gases, Liquified, Sweetened | Inhalation | kidney and/or bladder                                   | Not classified | Rat                     | NOAEL Not available   |                   |
| Proprietary Silicone Mixture          | Ingestion  | eyes                                                    | Not classified | Rat                     | NOAEL 10% in the diet | 90 days           |
| Proprietary Silicone Mixture          | Ingestion  | respiratory system                                      | Not classified | Rat                     | NOAEL 1% in the diet  | 90 days           |
| Proprietary Silicone Mixture          | Ingestion  | gastrointestinal tract                                  | Not classified | Multiple animal species | NOAEL 10% in the diet | 90 days           |
| Proprietary Silicone Mixture          | Ingestion  | hematopoietic system                                    | Not classified | Rat                     | NOAEL 10% in the diet | 90 days           |
| Proprietary Silicone Mixture          | Ingestion  | heart   liver   kidney and/or bladder   vascular system | Not classified | Rat                     | NOAEL 1% in the diet  | 90 days           |

**Aspiration Hazard**

| Name                                     | Value             |
|------------------------------------------|-------------------|
| Hydrotreated Light Petroleum Distillates | Aspiration hazard |

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.

Dispose of waste product in a permitted industrial waste facility. Facility must be capable of handling aerosol cans. 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.

**EPA Hazardous Waste Number (RCRA):** D001 (Ignitable), D018 (Benzene)

## 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.

#### **EPCRA 311/312 Hazard Classifications:**

##### **Physical Hazards**

Flammable (gases, aerosols, liquids, or solids)

Gas under pressure

##### **Health Hazards**

Aspiration Hazard

Hazard Not Otherwise Classified (HNOC)

Simple Asphyxiant

Specific target organ toxicity (single or repeated exposure)

### 15.2. State Regulations

Contact 3M for more information.

### 15.3. Chemical Inventories

The components of this material are in compliance with the provisions of Australia National Industrial Chemical Notification and Assessment Scheme (NICNAS). Certain restrictions may apply. Contact the selling division for additional information.

The components of this product are in compliance with the new substance notification requirements of CEPA.

The components of this material are in compliance with the China "Measures on Environmental Management of New Chemical Substance". Certain restrictions may apply. Contact the selling division for additional information.

The components of this material are in compliance with the provisions of the Korean Toxic Chemical Control Law. Certain restrictions may apply. Contact the selling division for additional information.

The components of this material are in compliance with the provisions of Philippines RA 6969 requirements. Certain restrictions may apply. Contact the selling division for additional information.

The components of this product are in compliance with the chemical notification requirements of TSCA. All required components of this product are listed on the active portion of the TSCA Inventory.

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:** 2 **Instability:** 0 **Special Hazards:** None  
**Aerosol Storage Code:** 3

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:** 4 **Flammability:** 2 **Physical Hazard:** 0 **Personal Protection:** X - See PPE section.

Hazardous Material Identification System (HMIS® IV) 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® IV ratings are to be used with a fully implemented HMIS® IV program. HMIS® is a registered mark of the American Coatings Association (ACA).

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