



## Safety Data Sheet

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### SECTION 1: Identification

#### 1.1. Product identifier

3M™ Gum Remover Ready-to-Use

#### Product Identification Numbers

| ID Number      | UPC              | ID Number | UPC |
|----------------|------------------|-----------|-----|
| 70-0711-6282-3 | 00-48011-34854-9 |           |     |

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

##### Recommended use

Carpet Care

#### 1.3. Supplier's details

|                      |                                         |
|----------------------|-----------------------------------------|
| <b>MANUFACTURER:</b> | 3M                                      |
| <b>DIVISION:</b>     | Commercial Solutions Division           |
| <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

#### 2.1. Hazard classification

Flammable Liquid: Category 3.  
Serious Eye Damage/Irritation: Category 2A.  
Skin Corrosion/Irritation: Category 2.  
Skin Sensitizer: Category 1.  
Specific Target Organ Toxicity (central nervous system): Category 3.

#### 2.2. Label elements

##### Signal word

Warning

##### Symbols

Flame | Exclamation mark |

### Pictograms



### Hazard Statements

Flammable liquid and vapor.

Causes serious eye irritation.

Causes skin irritation.

May cause an allergic skin reaction.

May cause drowsiness or dizziness.

### Precautionary Statements

#### General:

Keep out of reach of children.

#### Prevention:

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

Keep container tightly closed.

Use explosion-proof electrical/ventilating/lighting equipment.

Avoid breathing dust/fume/gas/mist/vapors/spray.

Use only outdoors or in a well-ventilated area.

Wear protective gloves and eye/face protection.

Wash thoroughly after handling.

Contaminated work clothing must not be allowed out of the workplace.

#### Response:

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

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 skin irritation or rash occurs: Get medical advice/attention.

Wash contaminated clothing before reuse.

In case of fire: Use a fire fighting agent suitable for flammable liquids such as dry chemical or carbon dioxide to extinguish.

#### Storage:

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

Keep cool.

Store locked up.

#### Disposal:

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

### 2.3. Hazards not otherwise classified

None.

5% of the mixture consists of ingredients of unknown acute oral toxicity.

5% of the mixture consists of ingredients of unknown acute dermal toxicity.

10% 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>         |
|------------------------------------------|-------------------|------------------------|
| HYDROTREATED LIGHT PETROLEUM DISTILLATES | 64742-47-8        | 60 - 90 Trade Secret * |
| DIPENTENE                                | 138-86-3          | 10 - 30 Trade Secret * |
| MYRCENE                                  | 123-35-3          | 1 - 5 Trade Secret *   |
| N-OCTALDEHYDE                            | 124-13-0          | < 3 Trade Secret *     |
| LINALYL ALCOHOL                          | 78-70-6           | < 2 Trade Secret *     |

\*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. If you feel unwell, 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**

Not applicable

**SECTION 5: Fire-fighting measures****5.1. Suitable extinguishing media**

In case of fire: Use a fire fighting agent suitable for flammable liquids such as dry chemical or carbon dioxide to extinguish.

**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. Eliminate all ignition sources if safe to do so. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. 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

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

Keep out of reach of children. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Avoid breathing 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. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wash contaminated clothing before reuse. Avoid contact with oxidizing agents (eg. chlorine, chromic acid etc.) Keep away from reactive metals (eg. Aluminum, zinc etc.) to avoid the formation of hydrogen gas that could create an explosion hazard. To minimize the risk of ignition, determine applicable electrical classifications for the process using this product and select specific local exhaust ventilation equipment to avoid flammable vapor accumulation.

### 7.2. Conditions for safe storage including any incompatibilities

Store in a well-ventilated place. Keep cool. Keep container tightly closed. 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                         |
|-----------------------------------------------------|------------|--------|--------------------------------------------------------|---------------------------------------------|
| DIPENTENE                                           | 138-86-3   | AIHA   | TWA:165.5 mg/m3(30 ppm)                                |                                             |
| HYDROTREATED LIGHT PETROLEUM DISTILLATES            | 64742-47-8 | CMRG   | TWA:165 ppm                                            |                                             |
| JET FUELS (NON-AEROSOL), AS TOTAL HYDROCARBON VAPOR | 64742-47-8 | ACGIH  | TWA(as total hydrocarbon vapor, non-aerosol):200 mg/m3 | A3: Confirmed animal carcin., Skin Notation |
| Kerosine (petroleum)                                | 64742-47-8 | ACGIH  | TWA(as total hydrocarbon vapor, non-aerosol):200       | A3: Confirmed animal carcin., Skin Notation |

|  |  |  |       |  |
|--|--|--|-------|--|
|  |  |  | mg/m3 |  |
|--|--|--|-------|--|

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

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. Use explosion-proof ventilation 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: Neoprene

Nitrile Rubber

Polymer laminate

If this product is used in a manner that presents a higher potential for exposure (eg. spraying, high splash potential etc.), then use of protective coveralls may be necessary. Select and use body protection to prevent contact based on the results of an exposure assessment. The following protective clothing material(s) are recommended: Apron - Neoprene

Apron - Nitrile

Apron - 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 air-purifying respirator suitable for organic vapors

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

**General Physical Form:**

Liquid

**Specific Physical Form:**

Liquid

**Odor, Color, Grade:**

Water white liquid solvent odor

**Odor threshold**

*No Data Available*

**pH**

6 - 7

|                                |                                                                      |
|--------------------------------|----------------------------------------------------------------------|
| Melting point                  | <i>Not Applicable</i>                                                |
| Boiling Point                  | 310 °F                                                               |
| Flash Point                    | 136 °F [ <i>Test Method:</i> Tagliabue Closed Cup]                   |
| Evaporation rate               | 0.1 [ <i>Ref Std:</i> BUOAC=1]                                       |
| Flammability (solid, gas)      | Not Applicable                                                       |
| Flammable Limits(LEL)          | <i>No Data Available</i>                                             |
| Flammable Limits(UEL)          | <i>No Data Available</i>                                             |
| Vapor Pressure                 | 2 mmHg                                                               |
| Vapor Density                  | 5 [ <i>Ref Std:</i> AIR=1]                                           |
| Density                        | <i>No Data Available</i>                                             |
| Specific Gravity               | 0.78 [ <i>Ref Std:</i> WATER=1]                                      |
| Solubility in Water            | Nil                                                                  |
| Solubility- non-water          | <i>No Data Available</i>                                             |
| Autoignition temperature       | <i>No Data Available</i>                                             |
| Decomposition temperature      | <i>No Data Available</i>                                             |
| Viscosity                      | < 100 centipoise                                                     |
| Volatile Organic Compounds     | 60 - 100 % weight [ <i>Test Method:</i> calculated per CARB title 2] |
| VOC Less H2O & Exempt Solvents | 620 - 780 g/l [ <i>Test Method:</i> calculated per CARB title 2]     |

## 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

Sparks and/or flames

### 10.5. Incompatible materials

Strong oxidizing agents

Reactive metals

### 10.6. Hazardous decomposition products

#### Substance

None known.

#### Condition

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:

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:

May be harmful in contact with skin.

Skin Irritation: Signs/symptoms may include localized redness, swelling, itching, dryness, cracking, blistering, and pain.  
Allergic Skin Reaction (non-photo induced): Signs/symptoms may include redness, swelling, blistering, and itching.

### 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.

## 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                          | Dermal                         |         | No data available; calculated ATE 2,000 - 5,000 mg/kg |
| Overall product                          | Inhalation-Vapor(4 hr)         |         | No data available; calculated ATE > 50 mg/l           |
| Overall product                          | Ingestion                      |         | No data available; calculated ATE > 5,000 mg/kg       |
| HYDROTREATED LIGHT PETROLEUM DISTILLATES | Dermal                         | Rabbit  | LD50 > 3,160 mg/kg                                    |
| 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                                    |
| DIPENTENE                                | Inhalation-Vapor (4 hours)     | Mouse   | LC50 > 3.14 mg/l                                      |
| DIPENTENE                                | Dermal                         | Rabbit  | LD50 > 5,000 mg/kg                                    |
| DIPENTENE                                | Ingestion                      | Rat     | LD50 4,400 mg/kg                                      |
| N-OCTALDEHYDE                            | Dermal                         | Rabbit  | LD50 5,207 mg/kg                                      |
| N-OCTALDEHYDE                            | Ingestion                      | Rat     | LD50 4,616 mg/kg                                      |
| LINALYL ALCOHOL                          | Dermal                         | Rabbit  | LD50 5,610 mg/kg                                      |
| LINALYL ALCOHOL                          | Ingestion                      | Rat     | LD50 2,790 mg/kg                                      |

ATE = acute toxicity estimate

### Skin Corrosion/Irritation

| Name | Species | Value |
|------|---------|-------|
|------|---------|-------|

|                                          |        |               |
|------------------------------------------|--------|---------------|
|                                          |        |               |
| HYDROTREATED LIGHT PETROLEUM DISTILLATES | Rabbit | Mild irritant |
| DIPENTENE                                | Rabbit | Mild irritant |

**Serious Eye Damage/Irritation**

| Name                                     | Species | Value         |
|------------------------------------------|---------|---------------|
| HYDROTREATED LIGHT PETROLEUM DISTILLATES | Rabbit  | Mild irritant |
| DIPENTENE                                | Rabbit  | Mild irritant |

**Skin Sensitization**

| Name                                     | Species    | Value           |
|------------------------------------------|------------|-----------------|
| HYDROTREATED LIGHT PETROLEUM DISTILLATES | Guinea pig | Not sensitizing |
| DIPENTENE                                | Mouse      | 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         |
|------------------------------------------|----------|---------------|
| HYDROTREATED LIGHT PETROLEUM DISTILLATES | In Vitro | Not mutagenic |
| DIPENTENE                                | In Vitro | Not mutagenic |
| DIPENTENE                                | 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 |
| DIPENTENE                                | Ingestion | Rat     | Some positive data exist, but the data are not sufficient for classification |

**Reproductive Toxicity****Reproductive and/or Developmental Effects**

| Name      | Route     | Value                                                                                            | Species                 | Test Result         | Exposure Duration              |
|-----------|-----------|--------------------------------------------------------------------------------------------------|-------------------------|---------------------|--------------------------------|
| DIPENTENE | Ingestion | Some positive female reproductive data exist, but the data are not sufficient for classification | Rat                     | NOAEL 750 mg/kg/day | prematuring & during gestation |
| DIPENTENE | Ingestion | Some positive developmental data exist, but the data are not sufficient for classification       | Multiple animal species | NOAEL 591 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 |                   |
| DIPENTENE                                | Ingestion  | nervous system                    | Some positive data exist, but the data are not sufficient for                |                        | NOAEL Not available |                   |

|  |  |  |                |  |  |  |
|--|--|--|----------------|--|--|--|
|  |  |  | classification |  |  |  |
|--|--|--|----------------|--|--|--|

#### Specific Target Organ Toxicity - repeated exposure

| Name      | Route     | Target Organ(s)                                                                                                                                   | Value                                                                        | Species | Test Result           | Exposure Duration |
|-----------|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|---------|-----------------------|-------------------|
| DIPENTENE | Ingestion | kidney and/or bladder                                                                                                                             | Some positive data exist, but the data are not sufficient for classification | Rat     | LOAEL 75 mg/kg/day    | 103 weeks         |
| DIPENTENE | Ingestion | liver                                                                                                                                             | Some positive data exist, but the data are not sufficient for classification | Mouse   | NOAEL 1,000 mg/kg/day | 103 weeks         |
| DIPENTENE | Ingestion | heart   endocrine system   bone, teeth, nails, and/or hair   hematopoietic system   immune system   muscles   nervous system   respiratory system | All data are negative                                                        | Rat     | NOAEL 600 mg/kg/day   | 103 weeks         |

#### Aspiration Hazard

| Name                                     | Value             |
|------------------------------------------|-------------------|
| HYDROTREATED LIGHT PETROLEUM DISTILLATES | Aspiration hazard |
| DIPENTENE                                | 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.

Incinerate in a permitted waste incineration 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.

EPA Hazardous Waste Number (RCRA): D001 (Ignitable)

## 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****311/312 Hazard Categories:**

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

**15.2. State Regulations****California Proposition 65**

| <u>Ingredient</u> | <u>C.A.S. No.</u> | <u>Classification</u> |
|-------------------|-------------------|-----------------------|
| MYRCENE           | 123-35-3          | Carcinogen            |

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

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

**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 Japan Chemical Substance 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.

**15.4. International Regulations**

**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**

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: 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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