# Safety Data Sheet

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| **Issue Date:** | 2025/06/26 | **Supercedes Date:** | 2023/05/30 |

This Safety Data Sheet has been prepared in accordance with the Canadian Hazardous Products Regulations.

## SECTION 1: Identification

### 1.1. Product identifier
3M™ Wind Tape Adhesion Promoter W9910-1

**Product Identification Numbers**
80-0002-3103-7

### 1.2. Recommended use and restrictions on use

**Intended Use**
Industrial use

**Restrictions on use**
Not applicable

### 1.3. Supplier's details

| | |
|---|---|
| **Company:** | 3M Canada Company |
| **Division:** | Electrical Markets Division |
| **Address:** | 1840 Oxford Street East, Post Office Box 5757, London, Ontario N6A 4T1 |
| **Telephone:** | (800) 364-3577 |
| **Website:** | www.3M.ca |

### 1.4. Emergency telephone number
Medical Emergency Telephone:1-800-3M HELPS / 1800 364 3577

## SECTION 2: Hazard identification

### 2.1. Classification of the substance or mixture
Flammable Liquid: Category 2.
Serious Eye Damage/Irritation: Category 1.
Reproductive Toxicity: Category 2.
Specific Target Organ Toxicity (single exposure): Category 3.

### 2.2. Label elements
**Signal word**
Danger

**Symbols**
Flame |Corrosion |Exclamation mark |Health Hazard |

**Pictograms**



**Hazard Statements**
Highly flammable liquid and vapour.
Causes serious eye damage. Suspected of damaging fertility or the unborn child. May cause drowsiness or dizziness.

**Precautionary statements**

**Prevention:**
Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Ground and bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use non-sparking tools. Take action to prevent static discharges. Avoid breathing vapours, dust, or spray. Wash exposed skin thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves, eye protection, and face protection.

**Response:**
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF exposed or concerned: Get medical attention. Call a POISON CENTER or doctor if you feel unwell. If eye irritation persists: Get medical advice. 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 cool. Store locked up.

**Disposal:**
Dispose of contents and container in accordance with applicable local, regional, national, and international regulations.

**2.3. Other hazards**
None known.

## SECTION 3: Composition/information on ingredients

This material is a mixture.

| Ingredient | C.A.S. No. | % by Wt | Common Name |
|---|---|---|---|
| Isopropyl Alcohol | 67-63-0 | 50 - 65 Trade Secret * | 2-Propanol |
| Propyl Alcohol | 71-23-8 | 30 - 40 Trade Secret * | 1-Propanol |
| Polyamide Resin | Trade Secret | 5 - 10 | Not Applicable |
| Water | 7732-18-5 | 1 - 5 | Water |
| Benzenamine, N-Phenyl-, Reaction Products With 2,4,4-Trimethylpentene | 68411-46-1 | < 0.2 | Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene |

Polyamide Resin is a non-hazardous material according to WHMIS criteria. Specific information has been withheld as a trade secret.

*The concentration (exact or range) of this component 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 for at least 15 minutes. Remove contact lenses if easy to do. Continue rinsing. Immediately 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**

Serious damage to the eyes (corneal cloudiness, severe pain, tearing, ulcerations, and significantly impaired or loss of vision). Central nervous system depression (headache, dizziness, drowsiness, incoordination, nausea, slurred speech, giddiness, and unconsciousness).

**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. Unsuitable extinguishing media**
None Determined

**5.3. 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 | Condition |
|---|---|
| Carbon monoxide | During Combustion |
| Carbon dioxide | During Combustion |

**5.4. Special protection 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. Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.

## SECTION 6: Accidental release measures

**6.1. Personal precautions, protective equipment and emergency procedures**
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. 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 vapours, in accordance with good industrial hygiene practice. Warning! A motor could be an ignition source and could cause flammable gases or vapours in the spill area to burn or explode.

**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 that is resistant to polar solvents. 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 detergent and water. 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**
For industrial or professional use only. Not for consumer sale or use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing dust/fume/gas/mist/vapours/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.) Wear low static or properly grounded shoes. Use personal protective equipment (gloves, respirators, etc.) as required. 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. Ground/bond container and receiving equipment if there is potential for static electricity accumulation during transfer.

**7.2. Conditions for safe storage including any incompatibilities**
Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store away from heat. Store away from acids. Store away from oxidizing agents. Store locked up.

## 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 |
|---|---|---|---|---|
| Isopropyl Alcohol | 67-63-0 | ACGIH | TWA:200 ppm;STEL:400 ppm | |
| Propyl Alcohol | 71-23-8 | ACGIH | TWA:100 ppm | |

ACGIH : American Conference of Governmental Industrial Hygienists
AIHA : American Industrial Hygiene Association
CMRG : Chemical Manufacturer's Recommended Guidelines
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/vapours/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:
Full Face Shield
Indirect Vented Goggles

**Skin/hand protection**
No chemical protective gloves are required.
Gloves made from the following material(s) are recommended: 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**

| | |
|---|---|
| **Physical state** | Liquid |
| **Colour** | Colourless |
| **Odour** | Mild Solvent |
| **Odour threshold** | *No Data Available* |
| **pH** | *No Data Available* |
| **Melting point/Freezing point** | *No Data Available* |
| **Boiling point** | Approximately 82.8 ºC |
| **Flash Point** | 11.7 ºC [*Test Method:*Closed Cup] |
| **Evaporation rate** | *No Data Available* |
| **Flammability** | Flammable Liquid: Category 2. |
| **Flammable Limits(LEL)** | 2 % volume |
| **Flammable Limits(UEL)** | 12.7 % volume |
| **Vapour Pressure** | <=4,399.6 Pa [@ 20 ºC ] |
| **Relative Vapour Density** | 2.1 [*Ref Std:*AIR=1] |
| **Density** | 0.82 g/ml |
| **Relative density** | 0.82 [@ 20 ºC ] [*Ref Std:*WATER=1] |
| **Water solubility** | Appreciable |
| **Solubility- non-water** | *No Data Available* |
| **Partition coefficient: n-octanol/ water** | *No Data Available* |
| **Autoignition temperature** | 398.9 ºC |
| **Decomposition temperature** | *No Data Available* |
| **Kinematic Viscosity** | 91.5 mm2/sec |

| | |
|---|---|
| **Volatile Organic Compounds** | 746 g/l [*Test Method:*calculated SCAQMD rule 443.1] |
| **Percent volatile** | 94 % weight |
| **VOC Less H2O & Exempt Solvents** | 746 g/l [*Test Method:*calculated SCAQMD rule 443.1] |

| | |
|---|---|
| **Particle Characteristics** | *Not Applicable* |

## 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
Heat

**10.5. Incompatible materials**
Strong acids
Strong oxidizing agents

**10.6. Hazardous decomposition products**

| **Substance** | **Condition** |
|---|---|
| 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 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:**
Corrosive (Eye Burns): Signs/symptoms may include cloudy appearance of the cornea, chemical burns, severe pain, tearing, ulcerations, significantly impaired vision or complete loss of vision.

**Ingestion:**
May be harmful if swallowed. 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.

**Reproductive/Developmental Toxicity:**
Contains a chemical or chemicals which can cause birth defects or other reproductive harm.

**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 >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 >2,000 - =5,000 mg/kg |
| Isopropyl Alcohol | Dermal | Rabbit | LD50 12,870 mg/kg |
| Isopropyl Alcohol | Inhalation-Vapor (4 hours) | Rat | LC50 72.6 mg/l |
| Isopropyl Alcohol | Ingestion | Rat | LD50 4,710 mg/kg |
| Propyl Alcohol | Dermal | Rabbit | LD50 4,000 mg/kg |
| Propyl Alcohol | Inhalation-Vapor (4 hours) | Rat | LC50 > 34 mg/l |
| Propyl Alcohol | Ingestion | Rat | LD50 estimated to be 2,000 - 5,000 mg/kg |
| Polyamide Resin | Dermal | Professional judgement | LD50 estimated to be > 5,000 mg/kg |
| Polyamide Resin | Ingestion | Professional judgement | LD50 estimated to be > 5,000 mg/kg |
| Benzenamine, N-Phenyl-, Reaction Products With 2,4,4-Trimethylpentene | Dermal | Rat | LD50 > 2,000 mg/kg |
| Benzenamine, N-Phenyl-, Reaction Products With 2,4,4-Trimethylpentene | Ingestion | Rat | LD50 > 5,000 mg/kg |

ATE = acute toxicity estimate

**Skin Corrosion/Irritation**

| Name | Species | Value |
|---|---|---|
| Isopropyl Alcohol | Multiple animal species | No significant irritation |
| Propyl Alcohol | Rabbit | Minimal irritation |
| Polyamide Resin | Professional judgement | No significant irritation |
| Benzenamine, N-Phenyl-, Reaction Products With 2,4,4-Trimethylpentene | Rabbit | Mild irritant |

**Serious Eye Damage/Irritation**

| Name | Species | Value |
|---|---|---|
| Isopropyl Alcohol | Rabbit | Severe irritant |
| Propyl Alcohol | Rabbit | Severe irritant |
| Polyamide Resin | Professional judgement | No significant irritation |
| Benzenamine, N-Phenyl-, Reaction Products With 2,4,4-Trimethylpentene | Rabbit | Mild irritant |

**Skin Sensitization**

| Name | Species | Value |
|---|---|---|
| Isopropyl Alcohol | Guinea pig | Not classified |
| Propyl Alcohol | Guinea pig | Not classified |
| Polyamide Resin | Professional judgement | Not classified |
| Benzenamine, N-Phenyl-, Reaction Products With 2,4,4-Trimethylpentene | Guinea pig | 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 |
|---|---|---|
| Isopropyl Alcohol | In Vitro | Not mutagenic |
| Isopropyl Alcohol | In vivo | Not mutagenic |
| Propyl Alcohol | In Vitro | Some positive data exist, but the data are not sufficient for classification |
| Benzenamine, N-Phenyl-, Reaction Products With 2,4,4-Trimethylpentene | In Vitro | Not mutagenic |

**Carcinogenicity**

| Name | Route | Species | Value |
|---|---|---|---|
| Isopropyl Alcohol | Inhalation | Rat | Some positive data exist, but the data are not sufficient for classification |
| Propyl Alcohol | 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 |
|---|---|---|---|---|---|
| Isopropyl Alcohol | Ingestion | Not classified for female reproduction | Rat | NOAEL 1,000 mg/kg/day | 2 generation |
| Isopropyl Alcohol | Ingestion | Not classified for male reproduction | Rat | NOAEL 500 mg/kg/day | 2 generation |
| Isopropyl Alcohol | Ingestion | Not classified for development | Rat | NOAEL 400 mg/kg/day | during organogenesis |
| Isopropyl Alcohol | Inhalation | Not classified for development | Rat | LOAEL 9 mg/l | during gestation |
| Propyl Alcohol | Inhalation | Not classified for male reproduction | Rat | NOAEL 8.6 mg/l | 6 weeks |
| Propyl Alcohol | Inhalation | Not classified for development | Rat | NOAEL 8.6 mg/l | during gestation |
| Benzenamine, N-Phenyl-, Reaction Products With 2,4,4-Trimethylpentene | Ingestion | Not classified for male reproduction | Rat | NOAEL 54 mg/kg/day | 2 generation |

| | | | | | |
|---|---|---|---|---|---|
| Benzenamine, N-Phenyl-, Reaction Products With 2,4,4-Trimethylpentene | Ingestion | Not classified for development | Rat | NOAEL 18 mg/kg/day | 2 generation |
| Benzenamine, N-Phenyl-, Reaction Products With 2,4,4-Trimethylpentene | Ingestion | Toxic to female reproduction | Rat | NOAEL 54 mg/kg/day | 2 generation |

**Target Organ(s)**

**Specific Target Organ Toxicity - single exposure**

| Name | Route | Target Organ(s) | Value | Species | Test result | Exposure Duration |
|---|---|---|---|---|---|---|
| Isopropyl Alcohol | Inhalation | central nervous system depression | May cause drowsiness or dizziness | Human | NOAEL Not available | |
| Isopropyl Alcohol | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | Human | NOAEL Not available | |
| Isopropyl Alcohol | Inhalation | auditory system | Not classified | Guinea pig | NOAEL 13.4 mg/l | 24 hours |
| Isopropyl Alcohol | Ingestion | central nervous system depression | May cause drowsiness or dizziness | Human | NOAEL Not available | poisoning and/or abuse |
| Propyl Alcohol | Inhalation | central nervous system depression | May cause drowsiness or dizziness | Mouse | NOAEL 5 mg/l | 4 hours |
| Propyl Alcohol | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | Mouse | NOAEL Not available | |
| Propyl Alcohol | Ingestion | central nervous system depression | May cause drowsiness or dizziness | Professional judgement | NOAEL Not available | |
| Benzenamine, N-Phenyl-, Reaction Products With 2,4,4-Trimethylpentene | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | similar health hazards | NOAEL not available | |

**Specific Target Organ Toxicity - repeated exposure**

| Name | Route | Target Organ(s) | Value | Species | Test result | Exposure Duration |
|---|---|---|---|---|---|---|
| Isopropyl Alcohol | Inhalation | kidney and/or bladder | Not classified | Rat | NOAEL 12.3 mg/l | 24 months |
| Isopropyl Alcohol | Inhalation | nervous system | Not classified | Rat | NOAEL 12 mg/l | 13 weeks |
| Isopropyl Alcohol | Ingestion | kidney and/or bladder | Not classified | Rat | NOAEL 400 mg/kg/day | 12 weeks |
| Propyl Alcohol | Ingestion | hematopoietic system | Not classified | Rat | NOAEL 70 mg/kg/day | 83 weeks |
| Propyl Alcohol | Ingestion | liver | Not classified | Rat | LOAEL 70 mg/kg/day | 83 weeks |
| Benzenamine, N-Phenyl-, Reaction Products With 2,4,4-Trimethylpentene | Ingestion | nervous system | Some positive data exist, but the data are not sufficient for classification | Rat | NOAEL 54 mg/kg/day | 98 days |
| Benzenamine, N-Phenyl-, Reaction Products With 2,4,4-Trimethylpentene | Ingestion | endocrine system \| liver \| kidney and/or bladder \| heart \| gastrointestinal tract \| bone, teeth, nails, and/or hair \| hematopoietic system \| immune system \| muscles \| eyes \| respiratory system | Not classified | Rat | NOAEL 225 mg/kg/day | 28 days |

**Aspiration Hazard**

For the component/components, either no data are currently available or 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

No data available.

## 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. 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. Safety, health and environmental regulations/legislation specific for the substance or mixture**

**Global inventory status**

Contact 3M for more information. The components of this material are in compliance with the provisions of the Korea Chemical Control Act. 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. This product complies with Measures on Environmental Management of New Chemical Substances. All ingredients are listed on or exempt from on China IECSC inventory.

## SECTION 16: Other information

**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.**
**Health:** 3 **Flammability:** 3 **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:** 3 **Flammability:** 3 **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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**3M Canada SDSs are available at www.3M.ca**