

# **Safety Data Sheet**

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

## **SECTION 1: Identification**

#### **1.1. Product identifier**

3M<sup>™</sup> Scotch-Weld<sup>™</sup> Epoxy Adhesive DP110 Gray, Part A or Epoxy Adhesive 110 Gray, Part A

**Product Identification Numbers** 62-3633-8531-1

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

**Intended Use** Structural adhesive

**Restrictions on use** Not applicable

#### 1.3. Supplier's details

Company:	3M Canada Company	
Division:	Industrial Adhesives and Tapes 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

Serious Eye Damage/Irritation: Category 2A. Skin Corrosion/Irritation: Category 2. Skin Sensitizer: Category 1A.

**2.2. Label elements Signal word** Warning

**Symbols** 

#### 3M<sup>™</sup> Scotch-Weld<sup>™</sup> Epoxy Adhesive DP110 Gray, Part A or Epoxy Adhesive 110 Gray, Part A

Exclamation mark |

**Pictograms** 



#### Hazard statements

Causes serious eye irritation. Causes skin irritation. May cause an allergic skin reaction.

#### **Precautionary statements**

#### **Prevention:**

Avoid breathing dust/fume/gas/mist/vapours/spray. Wear protective gloves and eye/face protection. Wash exposed skin thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace.

#### **Response:**

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 or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

#### **Disposal:**

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

#### 2.3. Other hazards

None known.

2% of the mixture consists of ingredients of unknown acute oral toxicity.2% of the mixture consists of ingredients of unknown acute dermal toxicity.

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

This material is a mixture.

Ingredient	C.A.S. No.	% by Wt	Common Name
Mercaptan Polymer	72244-98-5	45 - 70 Trade Secret *	Poly[oxy(methyl-1,2-ethanediyl)], .alpha hydroomegahydroxy-, ether with 2,2-
			bis(hydroxymethyl)-1,3-propanediol (4:1), 2-hydroxy-3-mercaptopropyl ether
Modified Epoxy Resin	Trade Secret	20 - 30	Not Applicable
Polyamide Resin	68410-23-1	7 - 13 Trade Secret *	Fatty acids, C18-unsatd., dimers, reaction products with polyethylenepolyamines
Hydrogenated Terphenyl	61788-32-7	5 - 10	Terphenyl, hydrogenated
2,4,6- tris[(Dimethylamino)Methyl]Phe nol	90-72-2	1 - 5 Trade Secret *	Phenol, 2,4,6-tris[(dimethylamino)methyl]-
Hydrogenated Polyphenyls	68956-74-1	1 - 5	Polyphenyls, quater- and higher, partially hydrogenated
Triethylenetetramine	112-24-3	0.5 - 1.5 Trade Secret *	1,2-Ethanediamine, N,N'-bis(2- aminoethyl)-
Carbon Black	1333-86-4	0.1 - 1	Carbon black

Modified Epoxy Resin is a non-hazardous Trade Secret material according to WHMIS criteria.

Carbon black is inextricably bound in this product. Exposure to carbon black is not expected during product use

\*The actual concentration of this ingredient 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

Allergic skin reaction (redness, swelling, blistering, and itching).

## 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 ordinary combustible material such as water or foam to extinguish.

#### 5.2. Unsuitable extinguishing media

None Determined

#### 5.3. Special hazards arising from the substance or mixture

None inherent in this product.

#### Hazardous Decomposition or By-Products

<u>Substance</u>	<u>(</u>
Aldehydes	Ι
Hydrocarbons	Ι
Carbon monoxide	Ι
Carbon dioxide	Ι

#### **Condition**

During Combustion During Combustion During Combustion During Combustion

#### 5.4. Special protection actions for fire-fighters

Wear full protective equipment (Bunker Gear) and a self-contained breathing apparatus (SCBA).

## **SECTION 6: Accidental release measures**

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

Evacuate area. 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. 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

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. Place in a closed 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

For industrial or professional use only. Not for consumer sale or use. 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. 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.)

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

Store away from acids. Store away from strong bases. 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
Triethylenetetramine	112-24-3	AIHA	TWA:6 mg/m3(1 ppm)	SKIN
Carbon Black	1333-86-4	ACGIH	TWA(inhalable fraction):3	
			mg/m3	
Hydrogenated Terphenyl	61788-32-7	ACGIH	TWA:0.5 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.

#### **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: 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 vapours and particulates

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	
Specific Physical Form:	Paste	
Colour	Gray	
Odour	Mild Mercaptan	
Odour threshold	No Data Available	
рН	Not Applicable	
Melting point/Freezing point	Not Applicable	
Boiling point	>=260 °C	
Flash Point	248.9 °C [Test Method:Closed Cup]	
Evaporation rate	No Data Available	
Flammability	Not Applicable	
Flammable Limits(LEL)	No Data Available	
Flammable Limits(UEL)	No Data Available	
Vapour Pressure	No Data Available	
Relative Vapour Density	No Data Available	
Density	1.1 g/ml	
Relative density	1.1 [ <i>Ref Std</i> :WATER=1]	
Water solubility	Nil	
Solubility- non-water	No Data Available	
Partition coefficient: n-octanol/ water	No Data Available	
Autoignition temperature	No Data Available	
Decomposition temperature	No Data Available	
Kinematic Viscosity	45,455 mm2/sec	
Volatile Organic Compounds	No Data Available	
Percent volatile	No Data Available	
VOC Less H2O & Exempt Solvents	0 g/l [Test Method:calculated SCAQMD rule 443.1]	
	[Details: when used as intended with Part B]	
VOC Less H2O & Exempt Solvents	0 g/l [Test Method:calculated SCAQMD rule 443.1] [Details:as	
	supplied]	
VOC Less H2O & Exempt Solvents	0 % [ <i>Test Method</i> :calculated SCAQMD rule 443.1]	

	[Details: when used as intended with Part B]		
Molecular weight	No Data Available		

*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

Avoid curing large quantities of material to prevent a premature reaction (exotherm) with production of intense heat and smoke.

#### **10.5. Incompatible materials**

Strong oxidizing agents Strong acids Strong bases

#### 10.6. Hazardous decomposition products

<u>Substance</u>

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.

#### Skin Contact:

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:**

May be harmful if swallowed. Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

#### **Carcinogenicity:**

Ingredient	CAS No.	Class Description	Regulation
Carbon black	1333-86-4	Grp. 2B: Possible human carc.	International Agency for Research on Cancer

#### **Additional Information:**

Persons previously sensitized to amines may develop a cross-sensitization reaction to certain other amines.

#### **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	Ingestion		No data available; calculated ATE >2,000 - =5,000
-			mg/kg
Mercaptan Polymer	Dermal	Rabbit	LD50 > 10,200 mg/kg
Mercaptan Polymer	Ingestion	Rat	LD50 2,600 mg/kg
Polyamide Resin	Dermal	Rat	LD50 > 2,000 mg/kg
Polyamide Resin	Ingestion	Rat	LD50 > 2,000 mg/kg
Hydrogenated Terphenyl	Dermal	Rabbit	LD50 > 2,000 mg/kg
Hydrogenated Terphenyl	Inhalation-	Rat	LC50 > 4.7  mg/l
	Dust/Mist		
	(4 hours)		
Hydrogenated Terphenyl	Ingestion	Rat	LD50 > 10,000 mg/kg
2,4,6-tris[(Dimethylamino)Methyl]Phenol	Dermal	Rat	LD50 1,280 mg/kg
2,4,6-tris[(Dimethylamino)Methyl]Phenol	Ingestion	Rat	LD50 1,000 mg/kg
Triethylenetetramine	Dermal	Rat	LD50 1,465 mg/kg
Triethylenetetramine	Ingestion	Rat	LD50 1,591 mg/kg
Carbon Black	Dermal	Rabbit	LD50 > 3,000 mg/kg
Carbon Black	Ingestion	Rat	LD50 > 8,000 mg/kg
$\Delta TE = aguta torrigity actimate$			

ATE = acute toxicity estimate

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

Name	Species	Value
Mercaptan Polymer	Rabbit	No significant irritation
Polyamide Resin	In vitro	Irritant
	data	
Hydrogenated Terphenyl	Rabbit	No significant irritation
2,4,6-tris[(Dimethylamino)Methyl]Phenol	Rabbit	Corrosive
Triethylenetetramine	Rabbit	Corrosive
Carbon Black	Rabbit	No significant irritation

#### **Serious Eye Damage/Irritation**

Name	Species	Value
Overall product	In vitro	Severe irritant
	data	
Mercaptan Polymer	Rabbit	Mild irritant
Polyamide Resin	Rabbit	Corrosive
Hydrogenated Terphenyl	Rabbit	No significant irritation
2,4,6-tris[(Dimethylamino)Methyl]Phenol	Rabbit	Corrosive
Triethylenetetramine	Rabbit	Corrosive

## 3M<sup>™</sup> Scotch-Weld<sup>™</sup> Epoxy Adhesive DP110 Gray, Part A or Epoxy Adhesive 110 Gray, Part A

Carbon Black	Rabbit	No significant irritation

### Skin Sensitization

Name	Species	Value
Mercaptan Polymer	Mouse	Sensitizing
Polyamide Resin	Mouse	Sensitizing
Hydrogenated Terphenyl	Human	Not classified
2,4,6-tris[(Dimethylamino)Methyl]Phenol	Guinea	Not classified
	pig	
Triethylenetetramine	Guinea	Sensitizing
	pig	

## **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
Mercaptan Polymer	In Vitro	Not mutagenic
Polyamide Resin	In Vitro	Not mutagenic
Hydrogenated Terphenyl	In Vitro	Not mutagenic
Hydrogenated Terphenyl	In vivo	Not mutagenic
2,4,6-tris[(Dimethylamino)Methyl]Phenol	In Vitro	Not mutagenic
Triethylenetetramine	In vivo	Not mutagenic
Triethylenetetramine	In Vitro	Some positive data exist, but the data are not sufficient for classification
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
Triethylenetetramine	Dermal	Mouse	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
Polyamide Resin	Ingestion	Not classified for female reproduction	Rat	NOAEL 1,000 mg/kg/day	premating into lactation
Polyamide Resin	Ingestion	Not classified for male reproduction	Rat	NOAEL 1,000 mg/kg/day	6 weeks
Polyamide Resin	Ingestion	Not classified for development	Rat	NOAEL 1,000 mg/kg/day	premating into lactation
Hydrogenated Terphenyl	Ingestion	Not classified for female reproduction	Rat	NOAEL 81 mg/kg/day	2 generation
Hydrogenated Terphenyl	Ingestion	Not classified for male reproduction	Rat	NOAEL 62 mg/kg/day	2 generation
Hydrogenated Terphenyl	Ingestion	Not classified for development	Rat	NOAEL 500 mg/kg/day	during organogenesi s
2,4,6-tris[(Dimethylamino)Methyl]Phenol	Ingestion	Not classified for male reproduction	Rat	NOAEL 150 mg/kg/day	2 generation
2,4,6-tris[(Dimethylamino)Methyl]Phenol	Ingestion	Not classified for female reproduction	Rat	NOAEL 50 mg/kg/day	2 generation
2,4,6-tris[(Dimethylamino)Methyl]Phenol	Ingestion	Not classified for development	Rabbit	NOAEL 15 mg/kg/day	during gestation
Triethylenetetramine	Dermal	Not classified for development	Rabbit	NOAEL 125 mg/kg/day	during organogenesi

					S
Triethylenetetramine	Ingestion	Not classified for development	Rat	NOAEL 750 mg/kg/day	during organogenesi s

# Target Organ(s)

## Specific Target Organ Toxicity - single exposure

Name	Route	Target Organ(s)	Value	Species	Test result	Exposure
						Duration
Polyamide Resin	Inhalation	respiratory irritation	Some positive data exist, but the	similar	NOAEL Not	
			data are not sufficient for	health	available	
			classification	hazards		
2,4,6-	Inhalation	respiratory irritation	Some positive data exist, but the	similar	NOAEL Not	
tris[(Dimethylamino)Meth			data are not sufficient for	health	available	
yl]Phenol			classification	hazards		
Triethylenetetramine	Inhalation	respiratory irritation	Some positive data exist, but the	similar	NOAEL Not	
-			data are not sufficient for	health	available	
			classification	hazards		

## Specific Target Organ Toxicity - repeated exposure

Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration
Mercaptan Polymer	Ingestion	hematopoietic system	Some positive data exist, but the data are not sufficient for classification	Rat	NOAEL 75 mg/kg/day	90 days
Mercaptan Polymer	Ingestion	liver	Some positive data exist, but the data are not sufficient for classification	Rat	NOAEL 250 mg/kg/day	90 days
Mercaptan Polymer	Ingestion	endocrine system   heart   skin   immune system   nervous system   eyes   kidney and/or bladder   respiratory system   vascular system	Not classified	Rat	NOAEL 1,000 mg/kg/day	90 days
Polyamide Resin	Ingestion	heart   liver   immune system   endocrine system   gastrointestinal tract   bone, teeth, nails, and/or hair   hematopoietic system   nervous system   kidney and/or bladder   respiratory system   vascular system	Not classified	Rat	NOAEL 1,000 mg/kg/day	6 weeks
Hydrogenated Terphenyl	Dermal	skin	Not classified	Rabbit	NOAEL 500 mg/kg/day	3 weeks
Hydrogenated Terphenyl	Dermal	hematopoietic system	Not classified	Rabbit	NOAEL 2,000 mg/kg/day	3 weeks
Hydrogenated Terphenyl	Inhalation	liver   hematopoietic system   eyes	Not classified	Rat	NOAEL 0.5 mg/l	13 weeks
Hydrogenated Terphenyl	Ingestion	hematopoietic system   kidney and/or bladder   liver   eyes   respiratory system	Not classified	Rat	NOAEL 120 mg/kg/day	14 weeks
2,4,6- tris[(Dimethylamino)Meth yl]Phenol	Dermal	skin	Not classified	Rat	NOAEL 25 mg/kg/day	4 weeks
2,4,6- tris[(Dimethylamino)Meth yl]Phenol	Dermal	liver   nervous system   auditory system	Not classified	Rat	NOAEL 125 mg/kg/day	4 weeks

		hematopoietic system   eyes				
2,4,6- tris[(Dimethylamino)Meth yl]Phenol	Ingestion	heart   endocrine system   hematopoietic system   liver   muscles   nervous system   kidney and/or bladder   respiratory system   vascular system   auditory system   skin   gastrointestinal tract   bone, teeth, nails, and/or hair   immune system   eyes	Not classified	Rat	NOAEL 150 mg/kg/day	90 days
Carbon Black	Inhalation	pneumoconiosis	Not classified	Human	NOAEL Not available	occupational exposure

#### **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.

Dispose of completely cured (or polymerized) material in a permitted industrial waste facility. As a disposal alternative, incinerate uncured product in a permitted waste incineration facility. Proper destruction may require the use of additional fuel during incineration processes. 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 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.

# **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: 2 Flammability: 1 Instability: 1 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.

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#### 3M Canada SDSs are available at www.3M.ca