

Safety Data Sheet

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This Safety Data Sheet has been prepared in accordance with the GHS guidelines & India Hazardous substances (Classification, Labeling & Packaging) Draft Rules 2011.

SECTION 1: Identification

1.1. Product identifier

3MTM Abrasive Products, CubitronTM II Roloc Durable Edge Discs 947A

Product Identification Numbers

60-4402-5646-3

1.2. Recommended use and restrictions on use

Recommended use

Abrasive Product

1.3. Supplier's details

Address: 3M India Limited, plot-48-51, Electronic city, Hosur road, Bangalore-560100

Telephone: 080-39143000, contact Product EHS team

E Mail: productehs.in@mmm.com
Website: http://solutions.3mindia.co.in

1.4. Emergency telephone number

080-39143000 (Contact hours: 8:00 AM to 5:00 PM)

SECTION 2: Hazard identification

Under MSIHC Rules, information is noted below on flammability, acute toxicity and explosivity relevant to this product. In line with international standards, information on other hazard classes and associated precautionary statements relevant to this product are included as well.

2.1. Classification of the substance or mixture

Acute Aquatic Toxicity: Category 3. Chronic Aquatic Toxicity: Category 3.

2.2. Label elements

Signal Word

Symbols

Pictograms

HAZARD STATEMENTS:

H412 Harmful to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENTS

Disposal:

P501 Dispose of contents/container in accordance with applicable

local/regional/national/international regulations.

2.3. Other hazards

None known.

SECTION 3: Composition/information on ingredients

This material is a mixture.

Ingredient	CAS Nbr	% by Wt
Ceramic Aluminum Oxide / Aluminum	1344-28-1	15 - 25
Oxide Mineral Blend (non-fibrous)		
Inorganic Fluoride	14075-53-7	3 - 15
Inorganic Fluoride	15096-52-3	1 - 5
Filler	13983-17-0	3 - 15
Titanium dioxide	13463-67-7	0.01 - 0.5
Cured resin	Mixture	15 - 45
Cloth Backing	Mixture	15 - 45
Attachment Button	Mixture	1 - 10

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

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

No need for first aid is anticipated.

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 ordinary combustible material such as water or foam to extinguish.

5.2. Special hazards arising from the substance or mixture

None inherent in this product.

Hazardous Decomposition or By-Products

Substance

Carbon monoxide. Carbon dioxide.

Condition

During combustion. During combustion.

5.3. Special protective actions for fire-fighters

No special protective actions for fire-fighters are anticipated.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Observe precautions from other sections.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Not applicable.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

For industrial/occupational use only. Not for consumer sale or use. Do not use in a confined area with minimal air exchange. Avoid breathing of dust created by sanding, grinding or machining. Damaged product can break apart during use and cause serious injury to face or eyes. Check product for damage such as cracks or nicks prior to use. Replace if damaged. Always wear eye and face protection when working at sanding or grinding operations or when near such operations. Sparks and particles flying from the product during sanding or grinding can cause injury and fire. Avoid release to the environment. Combustible dust may form by action of this product on another material (substrate). Dust generated from the substrate during use of this product may be explosive if in sufficient concentration with an ignition source. Dust deposits should not be allowed to accumulate on surfaces because of the potential for secondary explosions.

7.2. Conditions for safe storage including any incompatibilities

No special storage requirements.

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	CAS Nbr	Agency	Limit type	Additional comments
Aluminum, insoluble compounds	1344-28-1	ACGIH	TWA(respirable fraction):1	A4: Not class. as human
			mg/m3	carcin
Titanium dioxide	13463-67-7	ACGIH	TWA:10 mg/m ³	A4: Not class. as human
				carcin
Aluminum, insoluble compounds	15096-52-3	ACGIH	TWA(respirable fraction):1	A4: Not class. as human
			mg/m3	carcin

Fluorides	15096-52-3	ACGIH	TWA(as F):2.5 mg/m3	A4: Not class. as human
				carcin

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

Provide appropriate local exhaust ventilation for sanding, grinding or machining. 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. Provide local exhaust at process emission sources to control exposure near the source and to prevent the escape of dust into the work area. It is recommended that all dust control equipment (such as local exhaust ventilation), process equipment, and material transport systems involved in handling of this product be evaluated for the need for explosion-protection safeguards. Recognized safeguards include explosion relief vents, explosion suppression systems, and oxygen deficient process environments.

8.2.2. Personal protective equipment (PPE)

Eye/face protection

To minimise the risk of injury to face and eyes, always wear eye and face protection when working at sanding or grinding operations or when near such operations. 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:

Safety glasses with side shields.

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. Wear appropriate gloves to minimise risk of injury to skin from contact with dust or physical abrasion from grinding or sanding.

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

Respiratory protection

Assess exposure concentrations of all materials involved in the work process. Consider material being abraded when determining the appropriate respiratory protection. Select and use appropriate respirators to prevent inhalation overexposure. 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 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 Solid

Appearance/OdourSolid abrasive productOdour thresholdNot applicable.pHNot applicable.

Melting point/Freezing point: NA

Not applicable.

Boiling point/Initial boiling point/Boiling range Not applicable. Flash point Not applicable. **Evaporation rate** Not applicable. Not classified Flammability (solid, gas) Flammable Limits(LEL) Not applicable. Not applicable. Flammable Limits(UEL) Not applicable. Vapour pressure Vapour density Not applicable. Not applicable. **Density** Not applicable. Relative density Water solubility Not applicable. Solubility- non-water Not applicable. Not applicable. Partition coefficient: n-octanol/water Autoignition temperature Not applicable. **Decomposition temperature** Not applicable. Not applicable. Viscosity VOC less H2O & exempt solvents No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity

This material is considered to be non reactive under normal use conditions

10.2 Chemical stability

Stable.

10.3 Possibility of hazardous reactions

Hazardous polymerisation will not occur.

10.4 Conditions to avoid

None known.

10.5 Incompatible materials

None known.

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 labelling, 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

Dust from grinding, sanding or machining may cause irritation of the respiratory system. Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

Skin contact

Mechanical skin irritation: Signs/symptoms may include abrasion, redness, pain, and itching.

Eve contact

Mechanical eye irritation: Signs/symptoms may include pain, redness, tearing and corneal abrasion. Dust created by grinding, sanding, or machining may cause eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

Ingestion

No known health effects.

Additional information:

- This document covers only the 3M product. For complete assessment, when determining the degree of hazard, the material being abraded must also be considered. This product contains titanium dioxide. Cancer of the lungs has been observed in rats that inhaled high levels of titanium dioxide. No exposure to inhaled titanium dioxide is expected during the normal handling and use this product. Titanium dioxide was not detected when air sampling was conducted under simulated conditions on similar types of materials that contain titanium dioxide. Therefore, the health effects associated with titanium dioxide are not expected during the normal use of this product.

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	Ingestion		No data available; calculated ATE >5,000 mg/kg
Ceramic Aluminum Oxide / Aluminum Oxide Mineral Blend (non-fibrous)	Dermal		LD50 estimated to be > 5,000 mg/kg
Ceramic Aluminum Oxide / Aluminum Oxide Mineral Blend (non-fibrous)	Inhalation- Dust/Mist (4 hours)	Rat	LC50 > 2.3 mg/l
Ceramic Aluminum Oxide / Aluminum Oxide Mineral Blend (non-fibrous)	Ingestion	Rat	LD50 > 5,000 mg/kg
Filler	Dermal		LD50 estimated to be > 5,000 mg/kg
Filler	Ingestion	1	LD50 estimated to be 2,000 - 5,000 mg/kg
Inorganic Fluoride	Dermal		LD50 estimated to be > 5,000 mg/kg
Inorganic Fluoride	Inhalation- Dust/Mist (4 hours)	Rat	LC50 > 5.3 mg/l
Inorganic Fluoride	Ingestion	Rat	LD50 5,854 mg/kg
Inorganic Fluoride	Dermal	Rabbit	LD50 > 2,100 mg/kg
Inorganic Fluoride	Inhalation- Dust/Mist (4 hours)	Rat	LC50 4.5 mg/l
Inorganic Fluoride	Ingestion	Rat	LD50 5,000 mg/kg
Titanium dioxide	Dermal	Rabbit	LD50 > 10,000 mg/kg
Titanium dioxide	Inhalation- Dust/Mist (4 hours)	Rat	LC50 > 6.82 mg/l
Titanium dioxide	Ingestion	Rat	LD50 > 10,000 mg/kg

ATE = acute toxicity estimate

Skin Corrosion/Irritation

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Name	Species	Value
Ceramic Aluminum Oxide / Aluminum Oxide Mineral Blend (non-fibrous)	Rabbit	No significant irritation
Inorganic Fluoride	Rabbit	No significant irritation
Inorganic Fluoride	Multiple	No significant irritation
	animal	
	species	
Titanium dioxide	Rabbit	No significant irritation

Serious Eye Damage/Irritation

Name	Species	Value
Ceramic Aluminum Oxide / Aluminum Oxide Mineral Blend (non-fibrous)	Rabbit	No significant irritation
Inorganic Fluoride	Rabbit	No significant irritation
Inorganic Fluoride	Rabbit	Mild irritant
Titanium dioxide	Rabbit	No significant irritation

Skin Sensitisation

Name	Species	Value
Titanium dioxide	Human and animal	Not classified

Respiratory Sensitisation

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

Germ Cell Mutagenicity

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Name	Route	Value					
Ceramic Aluminum Oxide / Aluminum Oxide Mineral Blend (non-fibrous)	In Vitro	Not mutagenic					
Filler	In Vitro	Not mutagenic					
Titanium dioxide	In Vitro	Not mutagenic					
Titanium dioxide	In vivo	Not mutagenic					

Carcinogenicity

<u></u>			
Name	Route	Species	Value
Ceramic Aluminum Oxide / Aluminum Oxide Mineral Blend (non-	Inhalation	Rat	Not carcinogenic
fibrous)			
Titanium dioxide	Ingestion	Multiple	Not carcinogenic
		animal	
		species	
Titanium dioxide	Inhalation	Rat	Carcinogenic.

Reproductive Toxicity

Reproductive and/or Developmental Effects

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

Target Organ(s)

Specific Target Organ Toxicity - single exposure

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

Specific Target Organ Toxicity - repeated exposure

Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration
Ceramic Aluminum Oxide / Aluminum Oxide Mineral Blend (non- fibrous)	Inhalation	pneumoconiosis	Some positive data exist, but the data are not sufficient for classification	Human	NOAEL Not available	occupational exposure

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Ceramic Aluminum Oxide / Aluminum Oxide Mineral Blend (non- fibrous)	Inhalation	pulmonary fibrosis	Not classified	Human	NOAEL Not available	occupational exposure
Filler	Inhalation	respiratory system	Not classified	Human	NOAEL Not available	occupational exposure
Filler	Inhalation	pulmonary fibrosis	Not classified	Human and animal	NOAEL Not available	
Inorganic Fluoride	Inhalation	bone, teeth, nails, and/or hair	Causes damage to organs through prolonged or repeated exposure	Rat	NOAEL 0.0005 mg/l	5 months
Inorganic Fluoride	Inhalation	respiratory system	Causes damage to organs through prolonged or repeated exposure	Rat	NOAEL 0.00021 mg/l	90 days
Inorganic Fluoride	Ingestion	bone, teeth, nails, and/or hair	Causes damage to organs through prolonged or repeated exposure	Rat	LOAEL 0.58 mg/kg/day	14 weeks
Titanium dioxide	Inhalation	respiratory system	Some positive data exist, but the data are not sufficient for classification	Rat	LOAEL 0.01 mg/l	2 years
Titanium dioxide	Inhalation	pulmonary fibrosis	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

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. Additional information leading to material classification in Section 2 is available upon request. In addition, environmental fate and effects data on ingredients may not be reflected in this section because an ingredient is present below the threshold for labelling, an ingredient is not expected to be available for exposure, or the data is considered not relevant to the material as a whole.

12.1. Toxicity

Acute aquatic hazard:

GHS Acute 3: Harmful to aquatic life.

Chronic aquatic hazard:

GHS Chronic 3: Harmful to aquatic life with long lasting effects.

No product test data available.

Material	CAS Nbr	Organism	Туре	Exposure	Test endpoint	Test result
Ceramic	1344-28-1		Experimental	96 hours	LC50	>100 mg/l
Aluminum						
Oxide /						
Aluminum						
Oxide Mineral						
Blend (non-						
fibrous)						
Ceramic	1344-28-1	Water flea	Experimental	48 hours	LC50	>100 mg/l
Aluminum						
Oxide /						
Aluminum						
Oxide Mineral						
Blend (non-						

1344-28-1	Green algae	Experimental	72 hours	EC50	>100 mg/l
		1			
1344-28-1	Green algae	Experimental	72 hours	NOEC	>100 mg/l
		1			
14075-53-7	Green Algae	Experimental	72 hours	EC50	>100 mg/l
		1			
14075-53-7	Golden Orfe	Experimental	96 hours	LC50	760 mg/l
14075-53-7	Water flea	Experimental	48 hours	EC50	>100 mg/l
14075-53-7	Green Algae	Experimental	72 hours	NOEC	100 mg/l
14075-53-7	Water flea	Estimated	21 days	NOEC	188 mg/l
			-		
15096-52-3	Rainbow trout	Experimental	96 hours	LC50	42.5 mg/l
15096-52-3	Water flea	Experimental	48 hours	EC50	5 mg/l
15096-52-3	Green Algae	Experimental	72 hours	EC50	8.8 mg/l
15096-52-3	Green Algae	Experimental	72 hours	NOEC	1 mg/l
13983-17-0		Data not			
		available or			
		insufficient for			
		classification			
13463-67-7	Water flea		48 hours	EC50	>100 mg/l
13463-67-7	Diatom	Experimental	72 hours	EC50	>10,000 mg/l
13463-67-7	Fathead	Experimental	96 hours	LC50	>100 mg/l
	minnow	•			
13463-67-7	Diatom	Experimental	72 hours	NOEC	5,600 mg/l
		_			
	1344-28-1 14075-53-7 14075-53-7 14075-53-7 14075-53-7 15096-52-3 15096-52-3 15096-52-3 13983-17-0 13463-67-7 13463-67-7	1344-28-1 Green algae 14075-53-7 Green Algae 14075-53-7 Water flea 14075-53-7 Water flea 14075-53-7 Water flea 15096-52-3 Rainbow trout 15096-52-3 Green Algae 15096-52-3 Green Algae 15096-52-3 Green Algae 15096-52-3 Green Algae 13463-67-7 Water flea 13463-67-7 Fathead minnow	1344-28-1 Green algae Experimental 14075-53-7 Green Algae Experimental 14075-53-7 Golden Orfe Experimental 14075-53-7 Water flea Experimental 14075-53-7 Green Algae Experimental 14075-53-7 Water flea Estimated 15096-52-3 Rainbow trout Experimental 15096-52-3 Water flea Experimental 15096-52-3 Green Algae Experimental 15096-52-3 Green Algae Experimental 15096-52-3 Green Algae Experimental 13983-17-0 Data not available or insufficient for classification 13463-67-7 Water flea Experimental 13463-67-7 Diatom Experimental 13463-67-7 Fathead Experimental 13463-67-7 Fathead Experimental	1344-28-1 Green algae Experimental 72 hours 14075-53-7 Green Algae Experimental 96 hours 14075-53-7 Water flea Experimental 48 hours 14075-53-7 Water flea Experimental 72 hours 14075-53-7 Water flea Experimental 72 hours 14075-53-7 Water flea Experimental 72 hours 14075-53-7 Water flea Experimental 96 hours 15096-52-3 Rainbow trout Experimental 96 hours 15096-52-3 Green Algae Experimental 72 hours 15096-52-3 Green Algae Experimental 72 hours 15096-52-3 Green Algae Experimental 72 hours 13983-17-0 Data not available or insufficient for classification 13463-67-7 Water flea Experimental 48 hours 13463-67-7 Diatom Experimental 72 hours 13463-67-7 Fathead Experimental 96 hours	1344-28-1 Green algae Experimental 72 hours NOEC 14075-53-7 Green Algae Experimental 72 hours EC50 14075-53-7 Golden Orfe Experimental 96 hours LC50 14075-53-7 Water flea Experimental 48 hours EC50 14075-53-7 Green Algae Experimental 72 hours NOEC 14075-53-7 Water flea Estimated 21 days NOEC 15096-52-3 Rainbow trout Experimental 96 hours LC50 15096-52-3 Water flea Experimental 48 hours EC50 15096-52-3 Green Algae Experimental 72 hours EC50 15096-52-3 Green Algae Experimental 72 hours EC50 15096-52-3 Green Algae Experimental 72 hours EC50 13463-67-7 Water flea Experimental 48 hours EC50 13463-67-7 Diatom Experimental 72 hours EC50 13463-67-7 Fathead Experimental 72 hours EC50 13463-67-7 Fathead Experimental 72 hours EC50

12.2. Persistence and degradability

Material	CAS Nbr	Test type	Duration	Study Type	Test result	Protocol
Ceramic	1344-28-1	Data not			N/A	
Aluminum		available-				
Oxide /		insufficient				
Aluminum						
Oxide Mineral						

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Blend (non-				
fibrous)				
Inorganic Fluoride	14075-53-7	Data not available-insufficient	N/A	
Inorganic Fluoride	15096-52-3	Data not available-insufficient	N/A	
Filler	13983-17-0	Data not available-insufficient	N/A	
Titanium dioxide	13463-67-7	Data not available-insufficient	N/A	

12.3 : Bioaccumulative potential

Material	CAS Nbr	Test type	Duration	Study Type	Test result	Protocol
Ceramic Aluminum Oxide / Aluminum Oxide Mineral Blend (non- fibrous)	1344-28-1	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Inorganic Fluoride	14075-53-7	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Inorganic Fluoride	15096-52-3	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Filler	13983-17-0	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Titanium dioxide	13463-67-7	Experimental BCF-Carp	42 days	Bioaccumulatio n factor	9.6	Other methods

12.4. Mobility in soil

Please contact manufacturer for more details

12.5 Other Adverse effects

No information available.

SECTION 13: Disposal considerations

13.1. Disposal methods

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

The substrate that was abraded must be considered as a factor in the disposal method for this product. Dispose of waste product in a permitted industrial waste facility. As a disposal alternative, incinerate in a permitted waste incineration facility. Combustion products will include halogen acid (HCl/HF/HBr). Facility must be capable of handling halogenated materials.

SECTION 14: Transport Information

Not hazardous for transportation.

Air Transport (IATA)Regulations

UN No Not applicable

Proper Shipping Name Not applicable Hazard Classs/Division Not applicable Subsidiary Risk Not applicable Packing Group: Not applicable

Marine Transport (IMDG)

UN No Not applicable

Proper Shipping Name Not applicable Hazard Classs/Division Not applicable Subsidiary Risk Not applicable Packing Group: Not applicable

Environmental Hazards: Not applicable

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.

Applicable Environmental, Health and Safety Regulations

The Manufacture, Storage and Import of Hazardous Chemical Rules, 1989 Hazardous Waste(Management , Handling & Transboundary) Rules, 2008

The following ingredients are listed as hazardous on Part II of Schedule I of the India Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) rules

None.

The following ingredients are classified as hazardous based on the criteria listed under Part I of Schedule I of the India Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) rules: The product is classified as Non-Hazardous as per MSIHC Rules, 1989.

SECTION 16: Other information

NFPA Hazard Classification

Health: 0 Flammability: 1 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.

Revision information:

No revision information

DISCLAIMER: The information on this Safety Data Sheet is based on our experience and is correct to the best of our knowledge at the date of publication, but we do not accept any liability for any loss, damage or injury resulting from its use

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(except as required by law). The information may not be valid for any use not referred to in this Data Sheet or use of the product in combination with other materials. For these reasons, it is important that customers carry out their own test to satisfy themselves as to the suitability of the product for their own intended applications.

3M India SDSs are available at http://solutions.3mindia.co.in