



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

SCOTCH-WELD(TM) STRUCTURAL ADHESIVE FILM, AF-163-2

Product Identification Numbers

62-0080-5305-0	62-0080-5306-8	62-0086-5305-7	62-0086-5306-5	62-0182-3905-3
62-0182-5301-3	62-0182-5302-1	62-0182-5305-4	62-0187-0000-5	62-0187-0115-1
62-0187-0120-1	62-0187-0140-9	62-0187-0155-7	62-0187-0165-6	62-0187-0305-8
62-0187-0455-1	62-0187-0459-3	62-0187-0653-1	62-0187-0835-4	62-0187-1005-3
62-0187-1105-1	62-0187-1215-8	62-0187-1500-3	62-0187-1600-1	62-0187-1605-0
62-0187-1685-2	62-0187-1701-7	62-0187-1736-3	62-0187-1750-4	62-0187-1755-3
62-0187-2125-8	62-0187-2205-8	62-0187-2320-5	62-0187-2405-4	62-0187-2505-1
62-0187-2507-7	62-0187-2515-0	62-0187-2805-5	62-0187-2850-1	62-0187-2895-6
62-0187-2920-2	62-0187-3305-5	62-0187-3902-9	62-0187-3905-2	62-0187-3906-0
62-0187-4205-6	62-0187-4355-9	62-0187-4356-7	62-0187-4505-9	62-0187-4506-7
62-0187-4805-3	62-0187-5306-1	62-0187-5307-9	62-0187-5308-7	62-0187-5309-5
62-0187-5310-3	62-0187-5335-0	62-0187-5338-4	62-0187-5345-9	62-0187-5348-3
62-0187-5349-1	62-0187-6005-8	62-0188-3905-0	62-0188-3906-8	62-0189-5305-9
62-0189-5306-7	62-0189-5309-1	62-0189-6005-4	62-0197-0135-8	62-0197-0305-7
62-0197-2205-7	62-0197-2895-5	62-0197-3905-1	62-0197-3906-9	62-0197-3907-7
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62-2623-4805-5	62-2623-4820-4	62-2623-4825-3	62-2623-6009-2	62-2627-5303-1
62-2627-5307-2	62-2631-5305-8	62-2631-5306-6	62-2634-5305-2	62-2634-5306-0
62-2634-5307-8	62-3042-3905-6	62-3042-4105-2	62-3042-4205-0	62-3042-4820-6
62-3042-4905-5	62-3042-4907-1	62-3042-5305-7	62-3042-5306-5	62-3042-5505-2
62-3042-6003-7	62-3042-6005-2	62-3042-6009-4	62-3064-0000-3	62-3064-0305-6
62-3064-0555-6	62-3064-0805-5	62-3064-3305-3	62-3064-3905-0	62-3064-3906-8
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62-3064-4705-3	62-3064-4755-8	62-3064-4805-1	62-3064-4905-9	62-3064-5305-1
62-3064-5306-9	62-3064-5309-3	62-3064-5338-2	62-3074-5306-8	62-3077-6005-8
62-3087-0000-4	62-3087-0455-0	62-3087-3305-4	62-3087-3905-1	62-3087-3906-9
62-3087-3907-7	62-3087-4355-8	62-3087-4356-6	62-3087-4505-8	62-3087-4705-4
62-3087-5305-2	62-3087-5309-4	62-3087-5338-3	62-3087-5345-8	62-3087-5505-7
62-3087-6009-9	62-3137-3905-4	62-3137-4505-1	62-3137-5305-5	62-3137-5306-3
62-3146-0155-0	62-3146-0355-6	62-3146-0455-4	62-3146-1205-2	62-3146-3905-5
62-3146-5305-6	62-3146-5306-4	62-3146-5307-2	62-3146-5308-0	62-3146-5309-8
62-3146-5505-1	62-3146-5506-9	62-3147-3905-3	62-3147-5305-4	62-3147-5306-2
62-3147-5309-6	62-3162-0305-8	62-3162-0555-8	62-3162-5305-3	62-3162-5306-1
62-3162-5309-5	62-3189-0055-2	62-3189-0150-1	62-3189-0155-0	62-3189-1105-4

SCOTCH-WELD(TM) STRUCTURAL ADHESIVE FILM, AF-163-2

62-3189-1205-2	62-3189-1705-1	62-3189-2205-1	62-3189-2405-7	62-3189-2805-8
62-3189-3905-5	62-3189-3906-3	62-3189-4505-2	62-3189-5301-5	62-3189-5302-3
62-3189-5303-1	62-3189-5305-6	62-3189-5309-8	62-3189-6001-0	62-3189-6005-1
62-3189-6255-2	62-3189-9905-9	62-3189-9906-7	62-3190-0155-8	62-3190-0305-9
62-3190-0325-7	62-3190-0355-4	62-3190-0455-2	62-3190-1005-4	62-3190-1205-0
62-3190-1755-4	62-3190-2405-5	62-3190-2805-6	62-3190-3105-0	62-3190-3155-5
62-3190-3905-3	62-3190-3906-1	62-3190-4505-0	62-3190-5302-1	62-3190-5303-9
62-3190-5304-7	62-3190-5305-4	62-3190-5309-6	62-3192-0455-8	62-3192-1205-6
62-3192-1755-0	62-3192-2805-2	62-3192-3155-1	62-3192-3905-9	62-3192-3906-7
62-3192-3907-5	62-3192-5300-1	62-3192-5301-9	62-3192-5305-0	62-3192-5309-2
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87-2500-0150-7	87-2500-0151-5	87-2500-0336-2	87-2500-0390-9	87-2500-0391-7
87-2500-0393-3	87-3300-0007-3	87-3300-0008-1	87-3300-0013-1	87-3300-0014-9
87-3300-0015-6	87-3300-0019-8	87-3300-0020-6	87-3300-0021-4	87-3300-0028-9
87-3300-0029-7	87-3300-0042-0	87-3300-0043-8	87-3300-0113-9	87-3300-0117-0
87-3300-0501-5	87-3300-0502-3	87-3300-0503-1	87-3300-0504-9	87-3300-0505-6
87-3300-0506-4	87-3300-0507-2	87-3300-0508-0	87-3300-0526-2	87-3300-0527-0
87-3300-0530-4	87-3300-0531-2	87-3300-0532-0	87-3300-0533-8	87-3300-0543-7
87-3300-0544-5	87-3300-0545-2	87-3300-0546-0	87-3300-0547-8	87-3300-0548-6
87-3300-0549-4	87-3300-0550-2	87-3300-0551-0	87-3300-0552-8	87-3300-0562-7
87-3300-0563-5	87-3300-0564-3	87-3300-0565-0	87-3300-0566-8	87-3300-0567-6
87-3300-0572-6	87-3300-0573-4	87-3300-0574-2	87-3300-0575-9	87-3300-0576-7
87-3300-0577-5	87-3300-0579-1	87-3300-0580-9	87-3300-0581-7	87-3300-0582-5
87-3300-0583-3	87-3300-0584-1	87-3300-0614-6	87-3300-0615-3	FS-9100-3880-1
FS-9100-3908-0	FS-9100-3910-6	FS-9100-3911-4	FS-9100-3912-2	FS-9100-3915-5
FS-9100-3917-1	FS-9100-3919-7	FS-9100-3920-5	FS-9100-3921-3	FS-9100-3923-9
FS-9100-3929-6	FS-9100-3930-4	FS-9100-3934-6	FS-9100-3937-9	FS-9100-3939-5
FS-9100-3942-9	FS-9100-3943-7	FS-9100-4121-9	FS-9100-4345-4	FS-9100-5025-1

1.2. Recommended use and restrictions on use

Intended Use

Structural Film Adhesive.

Specific Use

Structural Adhesive Film for Bonding Applications

Restrictions on use

Not applicable

1.3. Supplier's details

Company: 3M Canada Company
Division: Automotive and Aerospace Solutions 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: (519) 451-2500, Ext. 2222; Transportation Emergency Telephone (CANUTEC): (613) 996-6666

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

SCOTCH-WELD(TM) STRUCTURAL ADHESIVE FILM, AF-163-2

Not classified according to the Canadian Hazardous Products Regulation.

2.2. Label elements**Signal word**

Not applicable.

Symbols

Not applicable.

Pictograms

Not applicable.

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
Polymeric Epoxy Reaction Product (M.W. >700)	Trade Secret	40 - 70	Not Applicable
Epoxy Resin 2	1675-54-3	10 - 30	Oxirane, 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bis-
Dicyandiamide	461-58-5	3 - 7	Guanidine, cyano-
Epoxy Resin 1	25068-38-6	3 - 7	Phenol, 4,4'-(1-methylethylidene)bis-, polymer with (chloromethyl)oxirane
N,N'-(Methyl-1,3-Phenylene)bis(N',N'-Dimethylurea)	17526-94-2	0.5 - 1.5	Urea, N,N'-(4-methyl-1,3-phenylene)bis[N',N'-dimethyl-
3-(Trimethoxysilyl)Propyl Glycidyl Ether	2530-83-8	0.1 - 1	Silane, trimethoxy[3-(oxiranylmethoxy)propyl]-
ADIPIC DIHYDRAZIDE	1071-93-8	< 1	Hexanedioic acid, dihydrazide

Polymeric Epoxy Reaction Product (M.W. >700) is a non-hazardous Trade Secret material according to WHMIS criteria.

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:

Rinse mouth. If you feel unwell, get medical attention.

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

SCOTCH-WELD(TM) STRUCTURAL ADHESIVE FILM, AF-163-2

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

<u>Substance</u>	<u>Condition</u>
Aldehydes	During Combustion
Carbon monoxide	During Combustion
Carbon dioxide	During Combustion
Hydrogen Chloride	During Combustion
Hydrogen Cyanide	During Combustion
Ammonia	During Combustion
Oxides of Nitrogen	During Combustion

5.3. Special protective 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

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.

6.3. Methods and material for containment and cleaning up

Collect as much of the spilled material as possible. Place in a closed container approved for transportation by appropriate authorities. Clean up residue. 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 eat, drink or smoke when using this product. Wash thoroughly after handling. Avoid release to the environment.

7.2. Conditions for safe storage including any incompatibilities

Store away from heat. Store away from amines.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits

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

8.2. Exposure controls

8.2.1. Engineering controls

Curing enclosures must be exhausted to outdoors or to a suitable emission control device. 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:

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. Note: Nitrile gloves may be worn over polymer laminate gloves to improve dexterity.

Gloves made from the following material(s) are recommended: Polymer laminate

When only incidental contact is anticipated, alternative glove material(s) may be used. If contact with the glove does occur, remove immediately and replace with a set of new gloves. For incidental contact, gloves made of the following material(s) may be used: Nitrile Rubber

Respiratory protection

None required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Solid
Specific Physical Form:	Film
Appearance/Odour	Red, odourless
Odour threshold	<i>No Data Available</i>
pH	<i>Not Applicable</i>
Melting point/Freezing point	<i>No Data Available</i>
Boiling point	<i>Not Applicable</i>
Flash Point	No flash point
Evaporation rate	<i>Not Applicable</i>
Flammability (solid, gas)	Not Classified
Flammable Limits(LEL)	<i>Not Applicable</i>
Flammable Limits(UEL)	<i>Not Applicable</i>
Vapour Pressure	<i>Not Applicable</i>
Vapour Density	<i>Not Applicable</i>
Density	1.27 g/ml
Relative density	1.27 [Ref Std:WATER=1]
Water solubility	Nil
Solubility- non-water	<i>No Data Available</i>
Partition coefficient: n-octanol/ water	<i>Not Applicable</i>
Autoignition temperature	<i>Not Applicable</i>

Decomposition temperature	No Data Available
Viscosity	Not Applicable
Molecular weight	No Data Available
Percent volatile	Negligible

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 polymerization will not occur.

10.4. Conditions to avoid

Heat

10.5. Incompatible materials

Amines

10.6. Hazardous decomposition products

<u>Substance</u>	<u>Condition</u>
None known.	

Refer to section 5.2 for hazardous decomposition products during combustion.

SECTION 11: Toxicological information

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. In addition, toxicological data on ingredients may not be reflected in the material classification and/or the signs and symptoms of exposure, because an ingredient may be present below the threshold for labeling, an ingredient may not be available for exposure, or the data may not be relevant to the material as a whole.

11.1. Information on Toxicological effects

Signs and Symptoms of Exposure

Based on test data and/or information on the components, this material may produce the following health effects:

Inhalation:

No health effects are expected.

Skin Contact:

Prolonged or repeated exposure may cause:

Mild Skin Irritation: Signs/symptoms may include localized redness, swelling, itching, and dryness.

Eye Contact:

Contact with the eyes during product use is not expected to result in significant irritation.

Ingestion:

SCOTCH-WELD(TM) STRUCTURAL ADHESIVE FILM, AF-163-2

Physical Blockage: Signs/symptoms may include cramping, abdominal pain, and constipation.

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
Epoxy Resin 2	Dermal	Rat	LD50 > 1,600 mg/kg
Epoxy Resin 2	Ingestion	Rat	LD50 > 1,000 mg/kg
Epoxy Resin 1	Dermal	Rat	LD50 > 1,600 mg/kg
Epoxy Resin 1	Ingestion	Rat	LD50 > 1,000 mg/kg
Dicyandiamide	Dermal	Rabbit	LD50 > 10,000 mg/kg
Dicyandiamide	Ingestion	Rat	LD50 > 30,000 mg/kg
N,N'-(Methyl-1,3-Phenylene)bis(N',N'-Dimethylurea)	Dermal	Rat	LD50 > 2,000 mg/kg
N,N'-(Methyl-1,3-Phenylene)bis(N',N'-Dimethylurea)	Ingestion	Rat	LD50 > 2,000 mg/kg
ADIPIC DIHYDRAZIDE	Ingestion	Mouse	LD50 > 5,000 mg/kg
3-(Trimethoxysilyl)Propyl Glycidyl Ether	Dermal	Rabbit	LD50 4,000 mg/kg
3-(Trimethoxysilyl)Propyl Glycidyl Ether	Inhalation-Dust/Mist (4 hours)	Rat	LC50 > 5.3 mg/l
3-(Trimethoxysilyl)Propyl Glycidyl Ether	Ingestion	Rat	LD50 7,010 mg/kg

ATE = acute toxicity estimate

Skin Corrosion/Irritation

Name	Species	Value
Epoxy Resin 2	Rabbit	Mild irritant
Epoxy Resin 1	Rabbit	Mild irritant
Dicyandiamide	Human and animal	Minimal irritation
N,N'-(Methyl-1,3-Phenylene)bis(N',N'-Dimethylurea)	Rabbit	No significant irritation
ADIPIC DIHYDRAZIDE	Rabbit	No significant irritation
3-(Trimethoxysilyl)Propyl Glycidyl Ether	Rabbit	Mild irritant

Serious Eye Damage/Irritation

Name	Species	Value
Epoxy Resin 2	Rabbit	Moderate irritant
Epoxy Resin 1	Rabbit	Moderate irritant
Dicyandiamide	Professional judgement	Mild irritant
N,N'-(Methyl-1,3-Phenylene)bis(N',N'-Dimethylurea)	Rabbit	No significant irritation
3-(Trimethoxysilyl)Propyl Glycidyl Ether	Rabbit	Corrosive

Skin Sensitization

Name	Species	Value
Epoxy Resin 2	Human and animal	Sensitizing
Epoxy Resin 1	Human and animal	Sensitizing
Dicyandiamide	Guinea pig	Not classified
ADIPIC DIHYDRAZIDE	Guinea pig	Sensitizing
3-(Trimethoxysilyl)Propyl Glycidyl Ether	Guinea pig	Not classified

SCOTCH-WELD(TM) STRUCTURAL ADHESIVE FILM, AF-163-2

Respiratory Sensitization

Name	Species	Value
Epoxy Resin 2	Human	Not classified
Epoxy Resin 1	Human	Not classified

Germ Cell Mutagenicity

Name	Route	Value
Epoxy Resin 2	In vivo	Not mutagenic
Epoxy Resin 2	In Vitro	Some positive data exist, but the data are not sufficient for classification
Epoxy Resin 1	In vivo	Not mutagenic
Epoxy Resin 1	In Vitro	Some positive data exist, but the data are not sufficient for classification
Dicyandiamide	In Vitro	Not mutagenic
ADIPIC DIHYDRAZIDE	In vivo	Not mutagenic
3-(Trimethoxysilyl)Propyl Glycidyl Ether	In vivo	Not mutagenic
3-(Trimethoxysilyl)Propyl Glycidyl Ether	In Vitro	Some positive data exist, but the data are not sufficient for classification

Carcinogenicity

Name	Route	Species	Value
Epoxy Resin 2	Dermal	Mouse	Some positive data exist, but the data are not sufficient for classification
Epoxy Resin 1	Dermal	Mouse	Some positive data exist, but the data are not sufficient for classification
Dicyandiamide	Ingestion	Rat	Not carcinogenic
3-(Trimethoxysilyl)Propyl Glycidyl Ether	Dermal	Mouse	Not carcinogenic

Reproductive Toxicity

Reproductive and/or Developmental Effects

Name	Route	Value	Species	Test result	Exposure Duration
Epoxy Resin 2	Ingestion	Not classified for female reproduction	Rat	NOAEL 750 mg/kg/day	2 generation
Epoxy Resin 2	Ingestion	Not classified for male reproduction	Rat	NOAEL 750 mg/kg/day	2 generation
Epoxy Resin 2	Dermal	Not classified for development	Rabbit	NOAEL 300 mg/kg/day	during organogenesis
Epoxy Resin 2	Ingestion	Not classified for development	Rat	NOAEL 750 mg/kg/day	2 generation
Epoxy Resin 1	Ingestion	Not classified for female reproduction	Rat	NOAEL 750 mg/kg/day	2 generation
Epoxy Resin 1	Ingestion	Not classified for male reproduction	Rat	NOAEL 750 mg/kg/day	2 generation
Epoxy Resin 1	Dermal	Not classified for development	Rabbit	NOAEL 300 mg/kg/day	during organogenesis
Epoxy Resin 1	Ingestion	Not classified for development	Rat	NOAEL 750 mg/kg/day	2 generation
Dicyandiamide	Ingestion	Not classified for female reproduction	Rat	NOAEL 1,000 mg/kg/day	prematuring & during gestation
Dicyandiamide	Ingestion	Not classified for male reproduction	Rat	NOAEL 1,000 mg/kg/day	44 days
Dicyandiamide	Ingestion	Not classified for development	Rat	NOAEL 1,000 mg/kg/day	prematuring & during gestation
3-(Trimethoxysilyl)Propyl Glycidyl Ether	Ingestion	Not classified for female reproduction	Rat	NOAEL 1,000 mg/kg/day	1 generation

SCOTCH-WELD(TM) STRUCTURAL ADHESIVE FILM, AF-163-2

3-(Trimethoxysilyl)Propyl Glycidyl Ether	Ingestion	Not classified for male reproduction	Rat	NOAEL 1,000 mg/kg/day	1 generation
3-(Trimethoxysilyl)Propyl Glycidyl Ether	Ingestion	Not classified for development	Rat	NOAEL 3,000 mg/kg/day	during organogenesis

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
Epoxy Resin 2	Dermal	liver	Not classified	Rat	NOAEL 1,000 mg/kg/day	2 years
Epoxy Resin 2	Dermal	nervous system	Not classified	Rat	NOAEL 1,000 mg/kg/day	13 weeks
Epoxy Resin 2	Ingestion	auditory system heart endocrine system hematopoietic system liver eyes kidney and/or bladder	Not classified	Rat	NOAEL 1,000 mg/kg/day	28 days
Epoxy Resin 1	Dermal	liver	Not classified	Rat	NOAEL 1,000 mg/kg/day	2 years
Epoxy Resin 1	Dermal	nervous system	Not classified	Rat	NOAEL 1,000 mg/kg/day	13 weeks
Epoxy Resin 1	Ingestion	auditory system heart endocrine system hematopoietic system liver eyes kidney and/or bladder	Not classified	Rat	NOAEL 1,000 mg/kg/day	28 days
Dicyandiamide	Ingestion	kidney and/or bladder	Not classified	Rat	NOAEL 6,822 mg/kg/day	13 weeks
3-(Trimethoxysilyl)Propyl Glycidyl Ether	Ingestion	heart endocrine system bone, teeth, nails, and/or hair hematopoietic system liver immune system nervous system kidney and/or bladder respiratory system	Not classified	Rat	NOAEL 1,000 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

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

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 Japan Chemical Substance Control Law. 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. 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: 1 **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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