



Safety Data Sheet

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This safety data sheet (SDS) is provided as a courtesy in response to a customer request. This product is not regulated under, and a SDS is not required for this product by the Industrial Safety and Health Law, 39-1 and 41 because, when used as recommended or under ordinary conditions, it should not present a health and safety hazard. However, use or processing of the product not in accordance with the product's recommendations or not under ordinary conditions may affect the performance of the product and may present potential health and safety hazards.

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This Safety Data Sheet has been prepared in accordance with the Industrial Safety and Health Law, 39-1 and 41

SECTION 1: Identification

1.1. Product identifier

3M™ Thermally Conductive Interface Pad 5586

1.2. Recommended use and restrictions on use

Recommended use

Industrial use

1.3. Supplier's details

Company:	3M Korea
ADDRESS:	19F, 82, Uisadang-daero, Yeongdeungpo-gu, Seoul, 150-705, Korea
Telephone:	82-2-3771-4114
Website:	www.3m.com/kr
Emergency Telephone:	82-80-033-4114

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

This product is considered to be an article and is exempt from GHS classification.

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	Common Name	C.A.S. No.	% by Wt
Filler # 1	Not Available	Trade Secret	43 - 53
Filler # 2	Not Available	Trade Secret	1 - 5
Filler # 3	Not Available	Trade Secret	25 - 35
Siloxane polymer # 1	Not Available	Trade Secret	5 - 10
Siloxane polymer # 2	Not Available	Trade Secret	10 - 15
Siloxane polymer # 3	Not Available	Trade Secret	5 - 10
Siloxane polymer # 4	Not Available	Trade Secret	5 - 10
Stabilizer	Not Available	Trade Secret	1 - 5

SECTION 4: First aid measures

4.1. Description of first aid measures

Eye Contact:

No need for first aid is anticipated.

Skin Contact:

No need for first aid is anticipated.

Inhalation:

No need for first aid is anticipated.

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

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

Not applicable.

6.2. Environmental precautions

Not applicable.

6.3. Methods and material for containment and cleaning up

Not applicable.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid breathing of dust created by cutting, sanding, grinding or machining. This product is considered to be an article which does not release or otherwise result in exposure to a hazardous chemical under normal use conditions.

7.2. Conditions for safe storage including any incompatibilities

Store away from acids. Store away from strong bases.

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
Filler # 1	Trade Secret	ACGIH	TWA(respirable fraction):1 mg/m3	A4: Not class. as human carcin
Filler # 1	Trade Secret	Korea OELs	TWA(8 hours):10 mg/m3	
Filler # 2	Trade Secret	ACGIH	TWA(inhalable fraction):3 mg/m3	A3: Confirmed animal carcin.
Filler # 2	Trade Secret	Korea OELs	TWA(8 hours):3.5 mg/m3	
Filler # 3	Trade Secret	ACGIH	TWA(respirable fraction):1 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

Korea OELs : Korea. Standards for Exposure to Chemical Substances and Physically Hazardous Factors

TWA: Time-Weighted-Average

STEL: Short Term Exposure Limit

CEIL: Ceiling

8.2. Engineering controls

Not applicable.

8.3. Personal protective equipment (PPE)

Eye/face protection

Eye protection not required.

Hand Protection

No chemical protective gloves are required.

Body protection

None required.

Respiratory protection

Respiratory protection is not required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Solid
Specific Physical Form:	Roll/Sheet
Appearance/Odor	Light Grey/Light Blue
Odor threshold	No Data Available
pH	No Data Available
Melting point/Freezing point	No Data Available
Boiling point/Initial boiling point/Boiling range	No Data Available
Flash Point	No Data Available
Evaporation rate	No Data Available
Flammability (solid, gas)	Not Classified
Flammable Limits(LEL)	No Data Available
Flammable Limits(UEL)	No Data Available
Vapor Pressure	No Data Available
Vapor Density	No Data Available
Density	2.1 - 2.5 g/ml
Relative Density	No Data Available
Water solubility	No Data Available
Solubility- non-water	No Data Available
Partition coefficient: n-octanol/ water	No Data Available
Autoignition temperature	No Data Available
Decomposition temperature	No Data Available
Viscosity	No Data Available
Molecular weight	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

Not determined

10.5. Incompatible materials

Strong acids

Strong bases

10.6. Hazardous decomposition products**Substance****Condition**

None known.

Refer to section 5.2 for hazardous decomposition products during combustion.

Under recommended usage conditions, hazardous decomposition products are not expected. Hazardous decomposition products may occur as a result of oxidation, heating, or reaction with another material.

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:

No health effects are expected.

Eye Contact:

No health effects are expected.

Ingestion:

No health effects are expected.

Additional Information:

This product, when used under reasonable conditions and in accordance with the directions for use, should not present a health hazard. However, use or processing of the product in a manner not in accordance with the product's directions for use may affect the performance of the product and may present potential health and safety hazards.

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	N/A	No data available; calculated ATE >5,000 mg/kg
Filler # 1	Dermal	N/A	LD50 estimated to be > 5,000 mg/kg
Filler # 1	Inhalation-Dust/Mist (4 hours)	Rat	LC50 > 2.3 mg/l

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Filler # 1	Ingestion	Rat	LD50 > 5,000 mg/kg
Filler # 3	Dermal	N/A	LD50 estimated to be > 5,000 mg/kg
Filler # 3	Ingestion	Rat	LD50 > 5,000 mg/kg
Siloxane polymer # 2	Dermal	Rabbit	LD50 > 15,440 mg/kg
Siloxane polymer # 2	Ingestion	Rat	LD50 > 15,440 mg/kg
Siloxane polymer # 1	Dermal	N/A	LD50 estimated to be 2,000 - 5,000 mg/kg
Siloxane polymer # 1	Ingestion	N/A	LD50 estimated to be 2,000 - 5,000 mg/kg
Siloxane polymer # 4	N/A	N/A	Data not available or insufficient for classification
Stabilizer	Dermal	Not available	LD50 3,100 mg/kg
Stabilizer	Ingestion	Not available	LD50 3,700 mg/kg
Filler # 2	Dermal	Rabbit	LD50 > 3,000 mg/kg
Filler # 2	Ingestion	Rat	LD50 > 8,000 mg/kg

ATE = acute toxicity estimate

Skin Corrosion/Irritation

Name	Species	Value
Overall product	N/A	Data not available or insufficient for classification
Filler # 1	Rabbit	No significant irritation
Filler # 3	Rabbit	No significant irritation
Siloxane polymer # 2	Rabbit	No significant irritation
Siloxane polymer # 1	N/A	Data not available or insufficient for classification
Siloxane polymer # 3	N/A	Data not available or insufficient for classification
Siloxane polymer # 4	N/A	Data not available or insufficient for classification
Filler # 2	Rabbit	No significant irritation
Stabilizer	Rabbit	No significant irritation

Serious Eye Damage/Irritation

Name	Species	Value
Overall product	N/A	Data not available or insufficient for classification
Filler # 1	Rabbit	No significant irritation
Filler # 3	Rabbit	No significant irritation
Siloxane polymer # 2	Rabbit	Mild irritant
Siloxane polymer # 1	N/A	Data not available or insufficient for classification
Siloxane polymer # 3	N/A	Data not available or insufficient for classification
Siloxane polymer # 4	N/A	Data not available or insufficient for classification
Filler # 2	Rabbit	No significant irritation
Stabilizer	Rabbit	No significant irritation

Skin Sensitization

Name	Species	Value
Overall product	N/A	Data not available or insufficient for classification
Filler # 1	N/A	Data not available or insufficient for classification
Filler # 3	Guinea pig	Not classified
Siloxane polymer # 2	N/A	Data not available or insufficient for classification
Siloxane polymer # 1	N/A	Data not available or insufficient for classification
Siloxane polymer # 3	N/A	Data not available or insufficient for classification
Siloxane polymer # 4	N/A	Data not available or insufficient for classification
Filler # 2	N/A	Data not available or insufficient for classification
Stabilizer	Human	Not classified

Photosensitization

Name	Species	Value
Overall product	N/A	Data not available or insufficient for classification
Filler # 1	N/A	Data not available or insufficient for classification
Filler # 3	N/A	Data not available or insufficient for classification
Siloxane polymer # 2	N/A	Data not available or insufficient for classification
Siloxane polymer # 1	N/A	Data not available or insufficient for classification

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Siloxane polymer # 3	N/A	Data not available or insufficient for classification
Siloxane polymer # 4	N/A	Data not available or insufficient for classification
Filler # 2	N/A	Data not available or insufficient for classification
Stabilizer	N/A	Data not available or insufficient for classification

Respiratory Sensitization

Name	Species	Value
Overall product	N/A	Data not available or insufficient for classification
Filler # 1	N/A	Data not available or insufficient for classification
Filler # 3	N/A	Data not available or insufficient for classification
Siloxane polymer # 2	N/A	Data not available or insufficient for classification
Siloxane polymer # 1	N/A	Data not available or insufficient for classification
Siloxane polymer # 3	N/A	Data not available or insufficient for classification
Siloxane polymer # 4	N/A	Data not available or insufficient for classification
Filler # 2	N/A	Data not available or insufficient for classification
Stabilizer	N/A	Data not available or insufficient for classification

Germ Cell Mutagenicity

Name	Route	Value
Overall product	N/A	Data not available or insufficient for classification
Filler # 1	In Vitro	Not mutagenic
Filler # 3	N/A	Data not available or insufficient for classification
Siloxane polymer # 2	N/A	Data not available or insufficient for classification
Siloxane polymer # 1	N/A	Data not available or insufficient for classification
Siloxane polymer # 3	N/A	Data not available or insufficient for classification
Siloxane polymer # 4	N/A	Data not available or insufficient for classification
Filler # 2	In Vitro	Not mutagenic
Filler # 2	In vivo	Some positive data exist, but the data are not sufficient for classification
Stabilizer	In Vitro	Not mutagenic

Carcinogenicity

Name	Route	Species	Value
Overall product	N/A	N/A	Data not available or insufficient for classification
Filler # 1	Inhalation	Rat	Not carcinogenic
Filler # 3	Not Specified	Multiple animal species	Not carcinogenic
Siloxane polymer # 2	N/A	N/A	Data not available or insufficient for classification
Siloxane polymer # 1	N/A	N/A	Data not available or insufficient for classification
Siloxane polymer # 3	N/A	N/A	Data not available or insufficient for classification
Siloxane polymer # 4	N/A	N/A	Data not available or insufficient for classification
Filler # 2	Dermal	Mouse	Not carcinogenic
Filler # 2	Ingestion	Mouse	Not carcinogenic
Filler # 2	Inhalation	Rat	Carcinogenic
Stabilizer	Inhalation	Human	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
Overall product	N/A	Data not available or insufficient for classification	N/A	N/A	N/A
Filler # 1	N/A	Data not available or insufficient for classification	N/A	N/A	N/A
Filler # 3	Ingestion	Not classified for development	Rat	NOAEL 768 mg/kg/day	during organogenesis
Siloxane polymer # 2	N/A	Data not available or insufficient for classification	N/A	N/A	N/A

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Siloxane polymer # 1	N/A	Data not available or insufficient for classification	N/A	N/A	N/A
Siloxane polymer # 3	N/A	Data not available or insufficient for classification	N/A	N/A	N/A
Siloxane polymer # 4	N/A	Data not available or insufficient for classification	N/A	N/A	N/A
Filler # 2	N/A	Data not available or insufficient for classification	N/A	N/A	N/A
Stabilizer	N/A	Data not available or insufficient for classification	N/A	N/A	N/A

Lactation

Name	Route	Species	Value
Overall product	N/A	N/A	Data not available or insufficient for classification
Filler # 1	N/A	N/A	Data not available or insufficient for classification
Filler # 3	N/A	N/A	Data not available or insufficient for classification
Siloxane polymer # 2	N/A	N/A	Data not available or insufficient for classification
Siloxane polymer # 1	N/A	N/A	Data not available or insufficient for classification
Siloxane polymer # 3	N/A	N/A	Data not available or insufficient for classification
Siloxane polymer # 4	N/A	N/A	Data not available or insufficient for classification
Filler # 2	N/A	N/A	Data not available or insufficient for classification
Stabilizer	N/A	N/A	Data not available or insufficient for classification

Target Organ(s)
Specific Target Organ Toxicity - single exposure

Name	Route	Target Organ(s)	Value	Species	Test Result	Exposure Duration
Overall product	N/A	N/A	Data not available or insufficient for classification	N/A	N/A	0
Filler # 1	N/A	N/A	Data not available or insufficient for classification	N/A	N/A	0
Filler # 3	N/A	N/A	Data not available or insufficient for classification	N/A	N/A	0
Siloxane polymer # 2	N/A	N/A	Data not available or insufficient for classification	N/A	N/A	0
Siloxane polymer # 1	N/A	N/A	Data not available or insufficient for classification	N/A	N/A	0
Siloxane polymer # 3	N/A	N/A	Data not available or insufficient for classification	N/A	N/A	0
Siloxane polymer # 4	N/A	N/A	Data not available or insufficient for classification	N/A	N/A	0
Filler # 2	N/A	N/A	Data not available or insufficient for classification	N/A	N/A	0
Stabilizer	N/A	N/A	Data not available or insufficient for classification	N/A	N/A	0

Specific Target Organ Toxicity - repeated exposure

Name	Route	Target Organ(s)	Value	Species	Test Result	Exposure Duration
Overall product	N/A	N/A	Data not available or insufficient for classification	N/A	N/A	0
Filler # 1	Inhalation	pneumoconiosis	Some positive data exist, but the data are not sufficient for classification	Human	NOAEL Not available	N/Aoccupational exposure
Filler # 1	Inhalation	pulmonary fibrosis	Not classified	Human	NOAEL Not available	N/Aoccupational exposure
Filler # 3	N/A	N/A	Data not available or insufficient for classification	N/A	N/A	0
Siloxane polymer # 2	N/A	N/A	Data not available or insufficient for classification	N/A	N/A	0
Siloxane polymer # 1	N/A	N/A	Data not available or insufficient for classification	N/A	N/A	0
Siloxane polymer # 3	N/A	N/A	Data not available or insufficient for classification	N/A	N/A	0

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Siloxane polymer # 4	N/A	N/A	Data not available or insufficient for classification	N/A	N/A	0
Filler # 2	Inhalation	pneumoconiosis	Not classified	Human	NOAEL Not available	N/A/occupational exposure
Stabilizer	Inhalation	pulmonary fibrosis pneumoconiosis	Not classified	Human	NOAEL Not available	N/A/occupational exposure

Aspiration Hazard

Name	Value
Overall product	Data not available or insufficient for classification
Filler # 1	Data not available or insufficient for classification
Filler # 3	Data not available or insufficient for classification
Siloxane polymer # 2	Data not available or insufficient for classification
Siloxane polymer # 1	Data not available or insufficient for classification
Siloxane polymer # 3	Data not available or insufficient for classification
Siloxane polymer # 4	Data not available or insufficient for classification
Filler # 2	Data not available or insufficient for classification
Stabilizer	Data not available or insufficient 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 labeling, 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:

Not acutely toxic to aquatic life by GHS criteria.

Chronic aquatic hazard:

Not chronically toxic to aquatic life by GHS criteria.

Material	Organism	Type	Exposure	Test Endpoint	Test Result
Overall product	N/A	Data not available or insufficient for classification	N/A	N/A	N/A

Material	Cas #	Organism	Type	Exposure	Test Endpoint	Test Result
Filler # 1	Trade Secret	Fish	Experimental	96 hours	Lethal Concentration 50%	>100 mg/l
Filler # 1	Trade Secret	Green Algae	Experimental	72 hours	Effect Concentration 50%	>100 mg/l
Filler # 1	Trade Secret	Green Algae	Experimental	72 hours	No obs Effect Conc	>100 mg/l
Filler # 1	Trade Secret	Water flea	Experimental	48 hours	Lethal Concentration 50%	>100 mg/l
Filler # 2	Trade Secret	N/A	Data not available or	N/A	N/A	N/A

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			insufficient for classification			
Filler # 3	Trade Secret	Fish other	Experimental	96 hours	No tox obs at lmt of water sol	>100 mg/l
Filler # 3	Trade Secret	Green Algae	Experimental	72 hours	No tox obs at lmt of water sol	100 mg/l
Filler # 3	Trade Secret	Green Algae	Experimental	72 hours	No tox obs at lmt of water sol	>100 mg/l
Filler # 3	Trade Secret	Water flea	Experimental	48 hours	No tox obs at lmt of water sol	>100 mg/l
Siloxane polymer # 1	Trade Secret	N/A	Data not available or insufficient for classification	N/A	N/A	N/A
Siloxane polymer # 2	Trade Secret	N/A	Data not available or insufficient for classification	N/A	N/A	N/A
Siloxane polymer # 3	Trade Secret	N/A	Data not available or insufficient for classification	N/A	N/A	N/A
Siloxane polymer # 4	Trade Secret	N/A	Data not available or insufficient for classification	N/A	N/A	N/A
Stabilizer	Trade Secret	Fish other	Experimental	48 hours	Lethal Concentration 50%	>1,000 mg/l

12.2. Persistence and degradability

Material	CAS No.	Test Type	Duration	Study Type	Test Result	Protocol
Overall product	None	DATA not available or insufficient for	N/A	N/A	N/A	N/A
Filler # 1	Trade Secret	Data not availbl-insufficient	N/A	N/A	N/A	N/A
Filler # 2	Trade Secret	Data not availbl-insufficient	N/A	N/A	N/A	N/A
Filler # 3	Trade Secret	Data not availbl-insufficient	N/A	N/A	N/A	N/A
Siloxane polymer # 1	Trade Secret	Data not availbl-insufficient	N/A	N/A	N/A	N/A
Siloxane polymer # 2	Trade Secret	Data not availbl-insufficient	N/A	N/A	N/A	N/A
Siloxane polymer # 3	Trade Secret	Data not availbl-insufficient	N/A	N/A	N/A	N/A

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Siloxane polymer # 4	Trade Secret	Data not available- insufficient	N/A	N/A	N/A	N/A
Stabilizer	Trade Secret	Data not available- insufficient	N/A	N/A	N/A	N/A

12.3. Bioaccumulative potential

Material	CAS No.	Test Type	Duration	Study Type	Test Result	Protocol
Overall product	None	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Filler # 1	Trade Secret	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Filler # 2	Trade Secret	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Filler # 3	Trade Secret	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Siloxane polymer # 1	Trade Secret	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Siloxane polymer # 2	Trade Secret	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Siloxane polymer # 3	Trade Secret	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Siloxane polymer # 4	Trade Secret	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Stabilizer	Trade Secret	Data not available or insufficient for classification	N/A	N/A	N/A	N/A

12.4. Mobility in soil

Please contact manufacturer for more details

12.5 Other adverse effects

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Material	CAS No.	Ozone Depletion Potential	Global Warming Potential
Overall product	None	Data not available or insufficient for classification	Data not available or insufficient for classification
Filler # 1	Trade Secret	Data not available or insufficient for classification	Data not available or insufficient for classification
Filler # 2	Trade Secret	Data not available or insufficient for classification	Data not available or insufficient for classification
Filler # 3	Trade Secret	Data not available or insufficient for classification	Data not available or insufficient for classification
Siloxane polymer # 1	Trade Secret	Data not available or insufficient for classification	Data not available or insufficient for classification
Siloxane polymer # 2	Trade Secret	Data not available or insufficient for classification	Data not available or insufficient for classification
Siloxane polymer # 3	Trade Secret	Data not available or insufficient for classification	Data not available or insufficient for classification
Siloxane polymer # 4	Trade Secret	Data not available or insufficient for classification	Data not available or insufficient for classification
Stabilizer	Trade Secret	Data not available or insufficient for classification	Data not available or insufficient for classification

SECTION 13: Disposal considerations**13.1. Disposal methods**

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

13.2. Disposal Considerations (including disposal method for contaminated drums, barrels, or other packagings) :

Prior to disposal, consult all applicable authorities and regulations to insure proper classification. Dispose of waste product in a permitted industrial waste facility. As a disposal alternative, incinerate in a permitted waste incineration facility. If no other disposal options are available, waste product may be placed in a landfill properly designed for industrial waste.

SECTION 14: Transport Information**International Regulations**

UN No.: Not applicable

UN Proper shipping name: Not applicable

Transportation Class (IMO): Not applicable

Transportation Class (IATA): Not applicable

Packing Group: Not applicable

Marine pollutant: Not applicable

User informed transportation or shipping and required safety plan: Not applicable

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Global inventory status

This product is an article as defined by TSCA regulations, and is exempt from TSCA Inventory listing requirements. 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. This product is an article as defined by HSNO regulations, and is exempt from NZIoC listing requirements. Contact 3M Korea for more information.

This product may contain component(s) that are regulated by the following:

Chemical Control Law (CCL): This product is an article and is exempt from KECI listing.

Occupational Safety and Health Law: This product is an article and is exempt from Industrial Safety and Health Law

Hazardous Goods Safety and Control Law: This product is not classified as hazardous goods under Korea Hazardous Goods Safety Control Law.

Waste Control Law: This product is classified as designated waste

Other domestic and international regulations – Not applicable

Other regulations based on domestic and foreign laws:

Component name:	Threshold Value:	Regulation:
CARBON BLACK	0.00	Korea. Standards for Exposure to Chemical Substances and Physically Hazardous Factors

SECTION 16: Other information

16.1. References:

16.2. Initial creation date:Not Available

16.3. Revision frequency and final revision date:

Revision frequency :Not Available

Final Revision Date :2018/12/10

16.4. Others:Not Applicable

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 (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 Korea SDSs are available at www.3m.com/kr