



## Safety Data Sheet

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This Safety Data Sheet has been prepared in accordance with the Minister of Industry Decree No. 23/M-IND/PER/4/2013 and GHS Classification 4th Edition.

## IDENTIFICATION

### 1.1. Product identifier

Cold Shrink QT-III Silicone Rubber Termination Kits (tubular series, skirted Q series and inverted series)

#### Product Identification Numbers

80-0002-3329-8	80-0002-3330-6	80-0002-3332-2	80-6108-3407-1	80-6108-3408-9
80-6108-3409-7	80-6108-3410-5	80-6108-3411-3	80-6108-3412-1	80-6109-2011-0
80-6109-8000-7	80-6109-8831-5	80-6109-8832-3	80-6109-8833-1	80-6109-8834-9
80-6109-8835-6	80-6109-8836-4	80-6109-8837-2	80-6109-8857-0	80-6109-8858-8
80-6109-8859-6	80-6109-8860-4	80-6109-8861-2	80-6109-8862-0	80-6109-8863-8
80-6112-0163-5	80-6112-0279-9	80-6112-0280-7	80-6112-0281-5	80-6112-0282-3
80-6112-0283-1	80-6112-0297-1	80-6112-1590-8	80-6112-3049-3	80-6112-6924-4
80-6114-4083-7	80-6114-4084-5	80-6114-4085-2	80-6114-4307-0	80-6114-4360-9
80-6114-4361-7	80-6114-4362-5	80-6114-4363-3	80-6114-4365-8	80-6114-4366-6
80-6114-4367-4	80-6114-4368-2	80-6114-4369-0	80-6114-4370-8	80-6114-4371-6
80-6114-4372-4	80-6114-4373-2	80-6114-4374-0	80-6114-5036-4	80-6114-5037-2
80-6114-5038-0	80-6114-5039-8	80-6114-5040-6	80-6114-5041-4	80-6114-5042-2
80-6114-5043-0	80-6114-5044-8	80-6116-0743-5	80-6116-0779-9	80-6116-0780-7
80-6116-0781-5	80-6116-1330-0	80-6116-1511-5	80-6116-1513-1	80-6116-2665-8
80-6116-2668-2	80-6116-2671-6	80-6116-2674-0	80-6116-2676-5	80-6116-2677-3
80-6116-2680-7	CE-1007-4419-8	CE-1007-4420-6	CE-1007-4421-4	CE-1007-4423-0
CE-1007-4558-3	ME-9001-0265-3	ME-9001-0267-9	ME-9001-0269-5	ME-9001-0272-9
ME-9001-0607-6	UU-0004-7445-0	UU-0031-1948-2	UU-0081-8142-0	UU-0081-8143-8
UU-0081-8147-9	UU-0081-8149-5	UU-0081-8875-5	UU-0092-6641-0	UU-0092-6642-8
UU-0095-5920-2	UU-0108-7584-5	UU-0109-8661-8	UU-0109-8667-5	UU-0111-1890-6
UU-0111-1911-0	UU-0111-9338-8	UU-0111-9339-6	UU-0111-9492-3	UU-0112-0255-1
UU-0112-0256-9	UU-0112-0257-7	UU-0112-0258-5	UU-0112-0259-3	UU-0112-0260-1
UU-0112-0271-8	UU-0112-8544-0	UU-0112-8545-7	UU-0112-8546-5	UU-0112-8547-3
UU-0112-8548-1	UU-0114-0414-0			

### 1.2. Recommended use and restrictions on use

#### Recommended use

Electrical

### 1.3. Supplier's details

**ADDRESS:** PT 3M Indonesia , Perkantoran Hijau Arkadia, Menara F, Lt. 8. Jl. TB. Simatupang Kav. 88, Jakarta Selatan, 12520, Indonesia  
**Telephone:** +6221-29974000  
**E Mail**  
**Website:** [https://www.3m.co.id/3M/en\\_ID/company-id/](https://www.3m.co.id/3M/en_ID/company-id/)

### 1.4. Emergency telephone number

**Company Emergency Hotline:** (021)29974000

**This product is a kit or a multipart product which consists of multiple, independently packaged components. An SDS for each of these components is included. Please do not separate the component SDSs from this cover page. The document numbers of the SDSs for components of this product are:**

39-0266-5, 26-2852-7

## 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

**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 Indonesia SDSs are available at [https://www.3m.co.id/3M/en\\_ID/company-id/](https://www.3m.co.id/3M/en_ID/company-id/)**



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This Safety Data Sheet has been prepared in accordance with the Minister of Industry Decree No. 23/M-IND/PER/4/2013 and GHS Classification 4th Edition.

<b>Document Group:</b>	26-2852-7	<b>Version Number:</b>	1.00
<b>Issue Date:</b>	08/04/2025	<b>Supersedes Date:</b>	Initial Issue

### SECTION 1: Identification

#### 1.1. Product identifier

3M™ Cable Preparation Kit CC-2 (Can)

#### Product Identification Numbers

LH-A100-0663-9	78-8061-7605-9	78-8127-6979-8	80-6105-9299-2	80-6112-0013-2
80-6114-2769-3	JE-1900-3038-5	UU-0109-3612-6	UU-0109-3614-2	UU-0114-6788-1

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

##### Recommended use

Electrical, SOLVENT SOAKED PADS FOR CLEANING CABLE

#### 1.3. Supplier's details

**ADDRESS:** PT 3M Indonesia, Perkantoran Hijau Arkadia, Menara F, Lt. 8. Jl. TB. Simatupang Kav. 88, Jakarta Selatan, 12520, Indonesia

**Telephone:** +6221-29974000

**Website:** [https://www.3m.co.id/3M/en\\_ID/company-id/](https://www.3m.co.id/3M/en_ID/company-id/)

#### 1.4. Emergency telephone number

(021)29974000

### SECTION 2: Hazard identification

#### 2.1. Classification of the substance or mixture

Flammable Liquid: Category 4.

Skin Corrosion/Irritation: Category 2.

Skin Sensitizer: Category 1B.

Acute Aquatic Toxicity: Category 2.

#### 2.2. Label elements

##### Signal word

Warning

##### Symbols

Exclamation mark |

**Pictograms****HAZARD STATEMENTS:**

H227	Combustible Liquid
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H401	Toxic to aquatic life.

**PRECAUTIONARY STATEMENTS****Prevention:**

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P280E	Wear protective gloves.

**Response:**

P333 + P313	If skin irritation or rash occurs: Get medical attention.
P370 + P378	In case of fire: Use a fire fighting agent suitable for flammable liquids such as dry chemical or carbon dioxide to extinguish.

**2.3. Other hazards**

The aspiration hazard classification is not required due to the product's physical form.

## SECTION 3: Composition/information on ingredients

This material is a mixture.

Ingredient	C.A.S. No.	% by Wt
HYDROTREATED HEAVY NAPHTHA (PETROLEUM)	64742-48-9	50 - 70
Cotton Pads	None	25 - 40
D-LIMONENE	5989-27-5	5 - 20

## 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:**

If exposed, flush eyes with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. If signs/symptoms develop, 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 flammable liquids such as dry chemical or carbon dioxide to extinguish.

**5.2. Special hazards arising from the substance or mixture**

None inherent in this product.

**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**

Use personal protective equipment based on the results of an exposure assessment. Refer to Section 8 for PPE recommendations. If anticipated exposure resulting from an accidental release exceeds the protective capabilities of the PPE listed in Section 8, or are unknown, select PPE that offers an appropriate level of protection. Consider the physical and chemical hazards of the material when doing so. Examples of PPE ensembles for emergency response could include wearing bunker gear for a release of flammable material; wearing chemical protective clothing if the spilled material is a corrosive, a sensitizer, a significant dermal irritant, or can be absorbed through the skin; or donning a positive pressure supplied-air respirator for chemicals with inhalation hazards. For information regarding physical and health hazards, refer to sections 2 and 11 of the SDS. Evacuate area. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use only non-sparking tools. Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapors, in accordance with good industrial hygiene practice. Warning! A motor could be an ignition source and could cause flammable gases or vapors in the spill area to burn or explode.

**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 using non-sparking tools. 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/occupational use only. Not for consumer sale or use. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Avoid breathing dust/fume/gas/mist/vapors/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 in a well-ventilated place. Keep cool. Store away from acids. 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
D-LIMONENE	5989-27-5	AIHA	TWA:165.5 mg/m3(30 ppm)	

ACGIH : American Conference of Governmental Industrial Hygienists

AIHA : American Industrial Hygiene Association

CMRG : Chemical Manufacturer's Recommended Guidelines

Indonesia OELs : Indonesia. Minister of Manpower and Transmigration Decree No. 13/MEN/X/2011 concerning Threshold Values, Chemical and Physical Factors in the Workplace.

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/vapors/spray. If ventilation is not adequate, use respiratory protection equipment.

#### 8.2.2. Personal protective equipment (PPE)

##### Eye/face protection

None required.

##### 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: Nitrile Rubber

Polyvinyl Alcohol (PVA)

Polymer laminate

If this product is used in a manner that presents a higher potential for exposure (eg. spraying, high splash potential etc.), then use of protective coveralls may be necessary. Select and use body protection to prevent contact based on the results of an exposure assessment. The following protective clothing material(s) are recommended: Apron – Nitrile

Apron - polymer laminate

##### Respiratory protection

An exposure assessment may be needed to decide if a respirator is required. If a respirator is needed, use respirators as part of a full respiratory protection program. Based on the results of the exposure assessment, select from the following respirator type(s) to reduce inhalation exposure:

Half facepiece or full facepiece air-purifying respirator suitable for organic vapors

For questions about suitability for a specific application, consult with your respirator manufacturer.

## SECTION 9: Physical and chemical properties

**9.1. Information on basic physical and chemical properties**

<b>Physical state</b>	Solid (Lint-free cloths soaked with liquid)
<b>Specific Physical Form:</b>	Cloth pads soaked in liquid in can or bag
<b>Color</b>	White
<b>Odor</b>	Moderate Citrus
<b>Odor threshold</b>	<i>No Data Available</i>
<b>pH</b>	7
<b>Melting point/Freezing point</b>	<i>No Data Available</i>
<b>Boiling point/Initial boiling point/Boiling range</b>	193.3 °C - 248.9 °C
<b>Flash Point</b>	62.2 °C [Test Method: Closed Cup]
<b>Evaporation rate</b>	<i>No Data Available</i>
<b>Flammability</b>	Flammable Liquid: Category 4.
<b>Flammable Limits(LEL)</b>	<i>No Data Available</i>
<b>Flammable Limits(UEL)</b>	<i>No Data Available</i>
<b>Vapor Pressure</b>	< 133.3 Pa [ @ 25 °C ]
<b>Relative Vapor Density</b>	> 1 [Ref Std: AIR=1]
<b>Density</b>	0.76 g/ml
<b>Relative Density</b>	0.76 [Ref Std: WATER=1]
<b>Water solubility</b>	Nil
<b>Solubility- non-water</b>	<i>No Data Available</i>
<b>Partition coefficient: n-octanol/ water</b>	<i>No Data Available</i>
<b>Autoignition temperature</b>	<i>No Data Available</i>
<b>Decomposition temperature</b>	<i>No Data Available</i>
<b>Kinematic Viscosity</b>	2 mm <sup>2</sup> /sec
<b>Volatile Organic Compounds</b>	Approximately 740 %
<b>Percent volatile</b>	<i>No Data Available</i>
<b>VOC Less H<sub>2</sub>O &amp; Exempt Solvents</b>	760 g/l
<b>Molecular weight</b>	<i>No Data Available</i>

<b>Particle Characteristics</b>	<i>Not Applicable</i>
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**SECTION 10: Stability and reactivity****10.1. Reactivity**

This material may be reactive with certain agents under certain conditions - see the remaining headings in this section.

**10.2. Chemical stability**

Stable.

**10.3. Possibility of hazardous reactions**

Hazardous polymerization will not occur.

**10.4. Conditions to avoid**

Sparks and/or flames

**10.5. Incompatible materials**

Strong oxidizing agents

**10.6. Hazardous decomposition products**

<u>Substance</u>	<u>Condition</u>
Carbon monoxide	Not Specified

Carbon dioxide

Not Specified

## 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:

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

##### Ingestion:

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

Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

#### 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	Inhalation-Vapor(4 hr)		No data available; calculated ATE >50 mg/l
Overall product	Ingestion		No data available; calculated ATE >5,000 mg/kg
HYDROTREATED HEAVY NAPHTHA (PETROLEUM)	Dermal	similar compounds	LD50 > 2,200 mg/kg
HYDROTREATED HEAVY NAPHTHA (PETROLEUM)	Ingestion	similar compounds	LD50 > 15,000 mg/kg
D-LIMONENE	Inhalation-Vapor (4 hours)	Mouse	LC50 > 3.14 mg/l
D-LIMONENE	Dermal	Rabbit	LD50 > 5,000 mg/kg
D-LIMONENE	Ingestion	Rat	LD50 4,400 mg/kg

ATE = acute toxicity estimate

#### Skin Corrosion/Irritation

Name	Species	Value
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HYDROTREATED HEAVY NAPHTHA (PETROLEUM)	similar compounds	Mild irritant
D-LIMONENE	Rabbit	Irritant

**Serious Eye Damage/Irritation**

Name	Species	Value
HYDROTREATED HEAVY NAPHTHA (PETROLEUM)	similar compounds	No significant irritation
D-LIMONENE	Rabbit	Mild irritant

**Sensitization:****Skin Sensitization**

Name	Species	Value
HYDROTREATED HEAVY NAPHTHA (PETROLEUM)	similar compounds	Not classified
D-LIMONENE	Mouse	Sensitizing

**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
HYDROTREATED HEAVY NAPHTHA (PETROLEUM)	In Vitro	Not mutagenic
D-LIMONENE	In Vitro	Not mutagenic
D-LIMONENE	In vivo	Not mutagenic

**Carcinogenicity**

Name	Route	Species	Value
D-LIMONENE	Ingestion	Rat	Some positive data exist, but the data are not sufficient for classification

**Reproductive Toxicity****Reproductive and/or Developmental Effects**

Name	Route	Value	Species	Test Result	Exposure Duration
D-LIMONENE	Ingestion	Not classified for female reproduction	Rat	NOAEL 750 mg/kg/day	premating & during gestation
D-LIMONENE	Ingestion	Not classified for development	Multiple animal species	NOAEL 591 mg/kg/day	during organogenesis

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

Name	Route	Target Organ(s)	Value	Species	Test Result	Exposure Duration
HYDROTREATED HEAVY NAPHTHA (PETROLEUM)	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification	similar health hazards	NOAEL Not available	
D-LIMONENE	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification	similar health hazards	NOAEL Not available	

D-LIMONENE	Ingestion	nervous system	Not classified		NOAEL Not available	
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**Specific Target Organ Toxicity - repeated exposure**

Name	Route	Target Organ(s)	Value	Species	Test Result	Exposure Duration
D-LIMONENE	Ingestion	kidney and/or bladder	Not classified	Rat	LOAEL 75 mg/kg/day	103 weeks
D-LIMONENE	Ingestion	liver	Not classified	Mouse	NOAEL 1,000 mg/kg/day	103 weeks
D-LIMONENE	Ingestion	heart   endocrine system   bone, teeth, nails, and/or hair   hematopoietic system   immune system   muscles   nervous system   respiratory system	Not classified	Rat	NOAEL 600 mg/kg/day	103 weeks

**Aspiration Hazard**

Name	Value
HYDROTREATED HEAVY NAPHTHA (PETROLEUM)	Aspiration hazard
D-LIMONENE	Aspiration hazard

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:**

GHS Acute 2: Toxic to aquatic life.

**Chronic aquatic hazard:**

Not chronically toxic to aquatic life by GHS criteria.

No product test data available

Material	Cas #	Organism	Type	Exposure	Test Endpoint	Test Result
HYDROTREATED HEAVY NAPHTHA (PETROLEUM)	64742-48-9	Green algae	Experimental	72 hours	EL50	>1,000 mg/l
HYDROTREATED HEAVY NAPHTHA (PETROLEUM)	64742-48-9	Rainbow Trout	Experimental	96 hours	LL50	>1,000 mg/l
HYDROTREATED HEAVY NAPHTHA (PETROLEUM)	64742-48-9	Water flea	Experimental	48 hours	EL50	>1,000 mg/l
HYDROTREATED HEAVY NAPHTHA (PETROLEUM)	64742-48-9	Green algae	Experimental	72 hours	NOEL	1,000 mg/l

NAPHTHA (PETROLEUM)						
D-LIMONENE	5989-27-5	Fathead Minnow	Experimental	96 hours	LC50	0.702 mg/l
D-LIMONENE	5989-27-5	Green algae	Experimental	72 hours	ErC50	0.32 mg/l
D-LIMONENE	5989-27-5	Water flea	Experimental	48 hours	EC50	0.307 mg/l
D-LIMONENE	5989-27-5	Fathead Minnow	Experimental	8 days	EC10	0.32 mg/l
D-LIMONENE	5989-27-5	Green algae	Experimental	72 hours	ErC10	0.174 mg/l
D-LIMONENE	5989-27-5	Water flea	Experimental	21 days	NOEC	0.153 mg/l

## 12.2. Persistence and degradability

Material	CAS No.	Test Type	Duration	Study Type	Test Result	Protocol
HYDROTREATE D HEAVY NAPHTHA (PETROLEUM)	64742-48-9	Experimental Biodegradation	28 days	Biological Oxygen Demand	31 %BOD/ThOD	OECD 301F - Manometric Respiro
D-LIMONENE	5989-27-5	Experimental Biodegradation	14 days	Biological Oxygen Demand	98 %BOD/ThOD	OECD 301C - MITI (I)
D-LIMONENE	5989-27-5	Experimental Biodegradation	14 days	Dissolv. Organic Carbon Deplet	>93.8 %removal of DOC	OECD 303A - Simulated Aerobic

## 12.3. Bioaccumulative potential

Material	CAS No.	Test Type	Duration	Study Type	Test Result	Protocol
HYDROTREATE D HEAVY NAPHTHA (PETROLEUM)	64742-48-9	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
D-LIMONENE	5989-27-5	Modeled Bioconcentration		Bioaccumulation Factor	2100	Catalogic™
D-LIMONENE	5989-27-5	Experimental Bioconcentration		Log of Octanol/H2O part. coeff	4.57	

## 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.

Incinerate in a permitted waste incineration facility. Proper destruction may require the use of additional fuel during incineration processes. As a disposal alternative, utilize an acceptable permitted waste disposal facility. Empty drums/barrels/containers used for transporting and handling hazardous chemicals (chemical substances/mixtures/preparations classified as Hazardous as per applicable regulations) shall be considered, stored, treated & disposed of as hazardous wastes unless otherwise defined by applicable waste regulations. Consult with the respective regulating authorities to determine the available treatment and disposal facilities.

# SECTION 14: Transport Information

## Local Regulations

**Land Transport:** In accordance with Director General of Land Transportation Decree No. SK.725/AJ.302/DRJD/2004

which refer to UN Standard.

**Sea Transport:** In accordance with Minister of Transportation Decree No. KM 2/2010 which refer to IMDG Code Standard.

### **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

## **SECTION 15: Regulatory information**

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

#### **Global inventory status**

Contact 3M for more information. The components of this material are in compliance with the provisions of the Korea Chemical Control Act. Certain restrictions may apply. Contact the selling division for additional information. The components of this material are in compliance with the provisions of Australia National Industrial Chemical Notification and Assessment Scheme (NICNAS). Certain restrictions may apply. Contact the selling division for additional 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 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.

#### **Local Inventory Status**

##### **Addendum I Government Regulation No. 74/2001:**

###### **List of Hazardous Substances Approved for Use :**

None of the substances are listed as a Hazardous Substance Approved for Use.

##### **Addendum II Government Regulation No. 74/2001:**

###### **Tab.1 List of Prohibited Substances for Use:**

None of the substances are listed as a Prohibited Substance for Use.

##### **Addendum II Government Regulation No. 74/2001:**

###### **Tab.2 List of Restricted Substances for Use:**

None of the substances are listed as a Restricted Substance for Use.

##### **Addendum I Ministry of Health Regulation No. 472/1996:**

###### **List and Classification of Hazardous Substances for Health:**

None of the substances are listed and classified as a Hazardous Substance for Health.

##### **Addendum I Act of Minister of Industry and Trade No. 254/MPP/KEP/2000**

###### **List of Hazardous Substances that are Regulated to Import Trade System:**

None of the substances are listed and classified as a Hazardous Substance that is Regulated to Import Trade System.

## **SECTION 16: Other information**

**Document Group:** 26-2852-7  
**Issue Date:** 08/04/2025

**Version Number:** 1.00  
**Supersedes Date:** Initial Issue

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 Indonesia SDSs are available at [https://www.3m.co.id/3M/en\\_ID/company-id/](https://www.3m.co.id/3M/en_ID/company-id/)**



## Safety Data Sheet

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This Safety Data Sheet has been prepared in accordance with the Minister of Industry Decree No. 23/M-IND/PER/4/2013 and GHS Classification 4th Edition.

<b>Document Group:</b>	39-0266-5	<b>Version Number:</b>	1.00
<b>Issue Date:</b>	08/04/2025	<b>Supersedes Date:</b>	Initial Issue

### SECTION 1: Identification

#### 1.1. Product identifier

Electrical Grounding Braids with Solder

##### Product Identification Numbers

LH-A100-2998-5	78-8050-9517-7	78-8092-1214-1	78-8113-5088-9	78-8113-5089-7
78-8113-5150-7	78-8113-5151-5	78-8113-5152-3	78-8113-5153-1	78-8113-5182-0
78-8113-5183-8	78-8113-5184-6	78-8117-0711-2	78-8124-5431-8	78-8126-0128-0
78-8126-5570-8	78-8126-6451-0	78-8126-6732-3	78-8126-6881-8	78-8126-6946-9
78-8127-5328-9	78-8127-6713-1	78-8127-9770-8	78-8127-9771-6	78-8127-9772-4
78-8129-9464-4	78-8141-4597-1	78-8141-4598-9	78-8141-5147-4	78-8141-5148-2
78-8141-5318-1	78-8141-5403-1	78-8141-5417-1	78-8141-5419-7	78-8141-5421-3
78-8141-5439-5	78-8141-5617-6	78-8141-5628-3	78-8141-5855-2	78-8141-5856-0
78-8141-6001-2	78-8141-6029-3	78-8141-6078-0	78-8141-6105-1	78-8141-6107-7
78-8141-6187-9	78-8141-6264-6	78-8141-6406-3	78-8141-6426-1	78-8141-6434-5
78-8141-6681-1	78-8141-6775-1	78-8141-6798-3	78-8141-6880-9	78-8141-7607-5
78-8141-7650-5	78-8141-7661-2	78-8141-7930-1	78-8141-7991-3	78-8141-7992-1
78-8141-8021-8	78-8141-8127-3	78-8141-8129-9	78-8141-8131-5	78-8141-8132-3
78-8141-8201-6	78-8141-8204-0	78-8141-8250-3	78-8141-8332-9	78-8141-8501-9
78-8141-8503-5	78-8141-8679-3	78-8141-8770-0	78-8141-9424-3	78-8141-9497-9
78-8141-9498-7	78-9237-0149-0	78-9237-0834-7	78-9237-0835-4	78-9237-1017-8
80-0002-2642-5	80-0002-2661-5	80-0002-2665-6	80-0002-2668-0	80-0002-2675-5

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

##### Recommended use

Electrical

#### 1.3. Supplier's details

**ADDRESS:** PT 3M Indonesia , Perkantoran Hijau Arkadia, Menara F, Lt. 8. Jl. TB. Simatupang Kav. 88, Jakarta Selatan, 12520, Indonesia

**Telephone:** +6221-29974000

**Website:** [https://www.3m.co.id/3M/en\\_ID/company-id/](https://www.3m.co.id/3M/en_ID/company-id/)

#### 1.4. Emergency telephone number

(021)29974000

**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.

<b>Ingredient</b>	<b>C.A.S. No.</b>	<b>% by Wt</b>
Copper	7440-50-8	85 - 99
Tin	7440-31-5	0.5 - 10
Lead	7439-92-1	0.3 - 4
Rosin	8050-09-7	0.001 - 1

**SECTION 4: First aid measures****4.1. Description of first aid measures****Inhalation:**

No need for first aid is anticipated. If symptoms develop, remove the affected person to fresh air. Get medical attention.

**Skin Contact:**

If exposed, wash with soap and water. If signs/symptoms develop, get medical attention.

**Eye Contact:**

If exposed, flush eyes with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. If signs/symptoms develop, get medical attention.

**If Swallowed:**

Do not induce vomiting. Rinse mouth. If you feel unwell, get medical attention.

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

No critical symptoms or effects. 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.

**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**

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**

Not applicable.

**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.

<b>Ingredient</b>	<b>C.A.S. No.</b>	<b>Agency</b>	<b>Limit type</b>	<b>Additional Comments</b>
Lead	7439-92-1	ACGIH	TWA(as Pb):0.05 mg/m <sup>3</sup>	A3: Confirmed animal carcin.
Lead	7439-92-1	Indonesia OELs	TWA(as Pb)(8 hours):0.05 mg/m <sup>3</sup>	
Tin	7440-31-5	ACGIH	TWA(inhalable fraction):2 mg/m <sup>3</sup>	
Tin	7440-31-5	Indonesia OELs	TWA(8 hours):2 mg/m <sup>3</sup>	
Copper	7440-50-8	Indonesia OELs	TWA(as fume)(8 hours):0.2 mg/m <sup>3</sup> ;TWA(as Cu dust or mist)(8 hours):1 mg/m <sup>3</sup>	
COPPER, DUSTS AND MISTS, AS CU	7440-50-8	ACGIH	TWA(as Cu dust or mist):1 mg/m <sup>3</sup>	
COPPER, FUME AS CU	7440-50-8	ACGIH	TWA(as Cu, fume):0.2 mg/m <sup>3</sup>	
Rosin	8050-09-7	ACGIH	TWA(as Resin, inhalable fraction):0.001 mg/m <sup>3</sup>	Dermal/Respiratory Sensitizer
Rosin	8050-09-7	Indonesia OELs	Limit value not established:	

ACGIH : American Conference of Governmental Industrial Hygienists



AIHA : American Industrial Hygiene Association

CMRG : Chemical Manufacturer's Recommended Guidelines

Indonesia OELs : Indonesia, Minister of Manpower and Transmigration Decree No. 13/MEN/X/2011 concerning Threshold Values, Chemical and Physical Factors in the Workplace.

TWA: Time-Weighted-Average

STEL: Short Term Exposure Limit

CEIL: Ceiling

## 8.2. Exposure controls

### 8.2.1. Engineering controls

No engineering controls required.

### 8.2.2. Personal protective equipment (PPE)

#### Eye/face protection

Eye protection not required.

#### Skin/hand protection

No chemical protective gloves are 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
Color	Silver
Odor	Metallic
Odor threshold	<i>No Data Available</i>
pH	<i>Not Applicable</i>
Melting point/Freezing point	1,083 °C
Boiling point/Initial boiling point/Boiling range	<i>Not Applicable</i>
Flash Point	No flash point
Evaporation rate	<i>No Data Available</i>
Flammability	Not Applicable
Flammable Limits(LEL)	<i>Not Applicable</i>
Flammable Limits(UEL)	<i>Not Applicable</i>
Vapor Pressure	<i>Not Applicable</i>
Relative Vapor Density	<i>No Data Available</i>
Density	<i>No Data Available</i>
Relative Density	<i>No Data Available</i>
Water solubility	Nil
Solubility- non-water	<i>Not Applicable</i>
Partition coefficient: n-octanol/ water	<i>No Data Available</i>
Autoignition temperature	816 °C
Decomposition temperature	200 °C
Kinematic Viscosity	<i>No Data Available</i>
Volatile Organic Compounds	<i>No Data Available</i>
Percent volatile	<i>No Data Available</i>
VOC Less H2O & Exempt Solvents	<i>No Data Available</i>

Molecular weight	Not Applicable
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Particle Characteristics	Not Applicable
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## 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

None known.

### 10.5. Incompatible materials

None known.

### 10.6. Hazardous decomposition products

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

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		No data available; calculated ATE >5,000 mg/kg
Copper	Dermal	Rat	LD50 > 2,000 mg/kg
Copper	Inhalation-Dust/Mist (4 hours)	Rat	LC50 > 5.11 mg/l
Copper	Ingestion	Rat	LD50 > 2,000 mg/kg
Tin	Dermal	Rat	LD50 > 2,000 mg/kg
Tin	Inhalation-Dust/Mist (4 hours)	Rat	LC50 > 4.75 mg/l
Tin	Ingestion	Rat	LD50 > 2,000 mg/kg
Lead	Dermal		LD50 estimated to be 2,000 - 5,000 mg/kg
Rosin	Dermal	Rabbit	LD50 > 2,500 mg/kg
Rosin	Ingestion	Rat	LD50 7,600 mg/kg

ATE = acute toxicity estimate

**Skin Corrosion/Irritation**

Name	Species	Value
Copper	Rabbit	No significant irritation
Tin	Rabbit	No significant irritation
Lead	similar compounds	No significant irritation
Rosin	Rabbit	No significant irritation

**Serious Eye Damage/Irritation**

Name	Species	Value
Copper	Rabbit	Mild irritant
Tin	Rabbit	No significant irritation
Lead	similar compounds	Mild irritant
Rosin	Rabbit	Mild irritant

**Sensitization:****Skin Sensitization**

Name	Species	Value
Rosin	Guinea pig	Sensitizing

**Respiratory Sensitization**

Name	Species	Value
Rosin	Human	Not classified

**Germ Cell Mutagenicity**

Name	Route	Value
Lead	In vivo	Some positive data exist, but the data are not sufficient for classification

**Carcinogenicity**

Name	Route	Species	Value
Lead	Not Specified	official classification	Carcinogenic

**Reproductive Toxicity****Reproductive and/or Developmental Effects**

Name	Route	Value	Species	Test Result	Exposure Duration
Lead	Not Specified	Toxic to female reproduction	Human	LOAEL 10 ug/dl blood	
Lead	Not Specified	Toxic to male reproduction	Human	LOAEL 37 ug/dl blood	
Lead	Not Specified	Toxic to development	Human	NOAEL Not available	

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

Name	Route	Target Organ(s)	Value	Species	Test Result	Exposure Duration
Lead	Ingestion	nervous system	May cause damage to organs	Human	LOAEL 90 ug/dl blood	poisoning and/or abuse
Lead	Ingestion	heart	Not classified	Human	NOAEL Not available	poisoning and/or abuse

**Specific Target Organ Toxicity - repeated exposure**

Name	Route	Target Organ(s)	Value	Species	Test Result	Exposure Duration
Lead	Inhalation	kidney and/or bladder	May cause damage to organs though prolonged or repeated exposure	Human	LOAEL 60 ug/dl blood	occupational exposure
Lead	Inhalation	hematopoietic system	May cause damage to organs though prolonged or repeated exposure	Human	LOAEL 50 ug/dl blood	occupational exposure
Lead	Inhalation	nervous system	May cause damage to organs though prolonged or repeated exposure	Human	LOAEL 40 ug/dl blood	occupational exposure
Lead	Inhalation	gastrointestinal tract	Some positive data exist, but the data are not sufficient for classification	Human	NOAEL Not available	occupational exposure
Lead	Inhalation	heart   endocrine system   immune system   vascular system	Not classified	Human	NOAEL Not available	occupational exposure
Lead	Ingestion	bone, teeth, nails, and/or hair	May cause damage to organs though prolonged or repeated exposure	Rat	LOAEL 20 ug/dl blood	3 months
Lead	Ingestion	eyes	May cause damage to organs though prolonged or repeated exposure	Rat	LOAEL 0.5 mg/kg/day	20 days
Lead	Ingestion	hematopoietic system   kidney and/or bladder	May cause damage to organs though prolonged or repeated exposure	Human	LOAEL 40 ug/dl blood	environmental exposure
Lead	Ingestion	nervous system	May cause damage to organs though prolonged or repeated exposure	Human	LOAEL 11 ug/dl blood	environmental exposure

**Electrical Grounding Braids with Solder**

			exposure			
Lead	Ingestion	auditory system   heart   endocrine system   vascular system	Not classified	Human	NOAEL Not available	environmental 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 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**

No product test data available

Material	Cas #	Organism	Type	Exposure	Test Endpoint	Test Result
Copper	7440-50-8	Green algae	Analogous Compound	72 hours	ErC50	0.1049 mg/l
Copper	7440-50-8	Water flea	Analogous Compound	48 hours	EC50	0.0126 mg/l
Copper	7440-50-8	Zebra Fish	Analogous Compound	96 hours	LC50	0.0117 mg/l
Copper	7440-50-8	Fathead Minnow	Analogous Compound	32 days	EC10	0.0059 mg/l
Copper	7440-50-8	Green algae	Analogous Compound	N/A	NOEC	0.022 mg/l
Copper	7440-50-8	Water flea	Analogous Compound	7 days	NOEC	0.004 mg/l
Copper	7440-50-8	Activated sludge	Analogous Compound	N/A	EC50	7 mg/l
Tin	7440-31-5	Fathead Minnow	Estimated	96 hours	LC50	>100 mg/l
Tin	7440-31-5	Green algae	Estimated	72 hours	EC50	>100 mg/l
Tin	7440-31-5	Green algae	Estimated	72 hours	NOEC	100 mg/l
Lead	7439-92-1	Fathead Minnow	Analogous Compound	96 hours	LC50	0.0408 mg/l
Lead	7439-92-1	Green algae	Analogous Compound	72 hours	ErC50	0.0205 mg/l
Lead	7439-92-1	Water flea	Analogous Compound	48 hours	LC50	0.026 mg/l
Lead	7439-92-1	Giant Pond Snail	Analogous Compound	30 days	EC10	0.0017 mg/l
Lead	7439-92-1	Green algae	Analogous Compound	72 hours	ErC10	0.006 mg/l
Lead	7439-92-1	Rainbow Trout	Analogous Compound	570 days	EC10	0.009 mg/l
Lead	7439-92-1	Activated sludge	Analogous Compound	24 hours	IC10	1.06 mg/l
Rosin	8050-09-7	Bacteria	Experimental	N/A	EC50	76.1 mg/l
Rosin	8050-09-7	Green algae	Experimental	72 hours	EL50	>100 mg/l
Rosin	8050-09-7	Water flea	Experimental	48 hours	EL50	911 mg/l
Rosin	8050-09-7	Zebra Fish	Experimental	96 hours	LL50	>1 mg/l
Rosin	8050-09-7	Green algae	Experimental	72 hours	NOEL	100 mg/l

**12.2. Persistence and degradability**

Material	CAS No.	Test Type	Duration	Study Type	Test Result	Protocol
Copper	7440-50-8	Data not availbl-insufficient	N/A	N/A	N/A	N/A
Tin	7440-31-5	Data not availbl-insufficient	N/A	N/A	N/A	N/A
Lead	7439-92-1	Data not availbl-insufficient	N/A	N/A	N/A	N/A
Rosin	8050-09-7	Experimental Biodegradation	28 days	Carbon dioxide evolution	64 %CO2 evolution/THCO2 evolution	OECD 301B - Mod. Sturm or CO2

**12.3. Bioaccumulative potential**

Material	CAS No.	Test Type	Duration	Study Type	Test Result	Protocol
Copper	7440-50-8	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Tin	7440-31-5	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Lead	7439-92-1	Experimental BCF - Invertebrate		Bioaccumulation Factor	1553	
Rosin	8050-09-7	Analogous Compound BCF - Fish	20 days	Bioaccumulation Factor	129	

**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.

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

**Local Regulations**

**Land Transport:** In accordance with Director General of Land Transportation Decree No. SK.725/AJ.302/DRJD/2004 which refer to UN Standard.

**Sea Transport:** In accordance with Minister of Transportation Decree No. KM 2/2010 which refer to IMDG Code Standard.

**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

## 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.

**Local Inventory Status**

**Addendum I Government Regulation No. 74/2001:**

**List of Hazardous Substances Approved for Use :**

Lead is listed as a Hazardous Substance Approved for Use.

**Addendum II Government Regulation No. 74/2001:**

**Tab.1 List of Prohibited Substances for Use:**

None of the substances are listed as a Prohibited Substance for Use.

**Addendum II Government Regulation No. 74/2001:**

**Tab.2 List of Restricted Substances for Use:**

None of the substances are listed as a Restricted Substance for Use.

**Addendum I Ministry of Health Regulation No. 472/1996:**

**List and Classification of Hazardous Substances for Health:**

None of the substances are listed and classified as a Hazardous Substance for Health.

**Addendum I Act of Minister of Industry and Trade No. 254/MPP/KEP/2000**

**List of Hazardous Substances that are Regulated to Import Trade System:**

None of the substances are listed and classified as a Hazardous Substance that is Regulated to Import Trade System.

## SECTION 16: Other information

**Document Group:** 39-0266-5  
**Issue Date:** 08/04/2025

**Version Number:** 1.00  
**Supercedes Date:** Initial Issue

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.

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