SAFETY DATA SHEET

According to OSHA Hazcom Standard 29 CFR 1910.1200

793

Date of Issue: 2017-04-28 **Revision Date: 2026-01-19** **Version: 1.3**

1. IDENTIFICATION

A. Product Name:

- 793

B. Recommended Use and Restriction on Use:

- General use: Adhesives, sealants
- Restriction on use: Use according to purpose.

C. Manufacturer / Supplier / Distributor Information:

O Manufacturer Information:

- Company name: TOPSEAL Co., Ltd.
- Address: 37-20 Maengdongsandan-ro, Maengdong-myeon, Eumseong-gun, Chungcheongbuk-do
- Emergency telephone number: +82 43-537-1384

O Supplier/Distributor Information:

- Company name: TOPSEAL Co., Ltd.
- Address: 37-20 Maengdongsandan-ro, Maengdong-myeon, Eumseong-gun, Chungcheongbuk-do
- Emergency telephone number: +82 43-537-1384

2. HAZARD IDENTIFICATION

A. GHS Classification

- Skin sensitization: Category 1B
- Reproductive toxicity: Category 1B

B. GHS Label Elements

O Hazard Symbols:

O Signal word:

- DANGER

○ Hazard statements

- H317 May cause an allergic skin reaction
- H360 May damage fertility or the unborn child

○ Precautionary statements

1) Prevention

- P201 Obtain special instructions before use.
- P202 Do not handle until all safety precautions have been read and understood.

- P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
- P272 Contaminated work clothing should not be allowed out of the workplace.
- P280 Wear protective gloves / protective clothing / eye protection / face protection / hearing protection.

2) Response

- P302+P352 IF ON SKIN: Wash with plenty of soap and water.
- P308+P313 If exposed or concerned: Get medical advice/attention.
- P321 Specific treatment (if in eyes, wash with plenty of running water; if in contact with skin, wash with plenty of running water; if inhaled, move to fresh air; if ingested, seek medical advice on whether to induce vomiting).
- P333+P313 If skin irritation or rash occurs: Get medical advice / attention.
- P362+P364 Take off contaminated clothing and wash before reuse.

3) Storage

- P405 Store locked up.

4) Disposal

- P501 Dispose of contents/container in accordance with local / regional / national / international regulation

C. Other Hazards Which Do Not Result in Classification

- Not available

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Trade Names and Synonyms	CAS No.	Content(%)
Siloxanes and Silicones, di-Me, hydroxy-terminated	Siloxanes and silicones, dimethyl, hydroxy terminated ; Di methyl polysiloxane hydroxy ; Methyl hydroxy terminated siloxane ; Poly(dimethylsiloxane), hydroxy-terminated	70131-67-8	40.0 ~ 50.0
Calcium carbonate	Carbonic acid calcium salt (1:1) ; Calcite ; Limestone ; Marble	471-34-1	40.0 ~ 50.0
Siloxanes and Silicones, di-Me	Dimethyl silicones and siloxanes ; Polydimethylsiloxane ; Dimethylpolysiloxane ; Silicone oil	63148-62-9	1.0 ~ 5.0
Trimethoxyvinylsilane	Vinyltrimethoxysilane ; Silane, ethenyltrimethoxy- ; (Trimethoxysilyl)ethene ; Ethenyltrimethoxysilane ; Silane, trimethoxyvinyl-	2768-02-7	1.0 ~ 5.0
Bis(ethyl 3-oxobutanoato-O1',O3)bis(2-propanolato)titanium	Diisopropoxy-bisethylacetoacetatotitanate	27858-32-8	1.0 ~ 5.0
Carbon black	Inorganic,carbon black ; Acetylene Black ; Channel black	1333-86-4	0.1 ~ 1.0
Trimethoxy(methyl)silane	Silane, trimethoxymethyl- ; Methyltrimethoxysilane ; (Trimethoxysilyl)methane ; Methylsilicon trimethoxide (MeSi(OMe)3) ; Silane, methyltrimethoxy	1185-55-3	0.1 ~ 1.0
Propylene glycol	1,2-Dihydroxypropane ; 2-Dihydroxypropanol ; Alpha-beta-dioxypropan ; 1,2-Hydroxypropane ; 2-Hydroxypropanol ; Methylethylene glycol ; 1,2-Propanediol ; Propane-1,2-diol	57-55-6	0.1 ~ 1.0

N-[3-(Trimethoxysilyl)propyl]-1,2-ethanediamine	1,2-Ethanediamine, N1-[3-(trimethoxysilyl)propyl]- ; 1,2-Ethanediamine, N-[3-(trimethoxysilyl)propyl]- ; N-[3-(Trimethoxysilyl)propyl]-1,2-ethanediamine ; Ethane-1,2-diamine, n-[3-(trimethoxysilyl)propyl]- ; (2-Aminoethyl)(3-(trimethoxysilyl)propyl)amine ; (Trimethoxysilylpropyl)ethylenediamine ; g-(2-Aminoethyl)aminopropyltrimethoxysilane ; g-(Ethylenediamino)propyltrimethoxysilane ; 3-(2-Aminoethyl)aminopropyltrimethoxysilane ; 3-(N-Aminoethyl)aminopropyltrimethoxysilane ; 3-(Trimethoxysilyl)propylethylenediamine	1760-24-3	0.1 ~ 1.0

4. FIRST AID MEASURES

A. Eye Contact:

- Do not rub your eyes.
- Immediately flush eyes with plenty of water at least 15 minutes and seek medical attention.
- Get medical attention immediately.

B. Skin Contact:

- Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
- Wash contaminated clothing thoroughly before reusing.
- Get medical attention immediately.
- Go to the hospital immediately if symptoms(flare, irritate) occur.
- Remove contaminated clothing, shoes and isolate.
- Wash thoroughly after handling.
- Wear gloves when washing the patient, and please avoid contact with contaminated clothing.

C. Inhalation:

- Provide specific treatment if needed.
- If exposed to large amounts of vapor or mist, move to fresh air.
- Get medical attention immediately.
- If breathing is stopped or irregular, give artificial respiration and supply oxygen.

D. Ingestion:

- Consult a physician regarding whether induction of vomiting is appropriate.
- Rinse your mouth with water immediately.
- Get medical attention immediately.

E. Delayed and immediate effects and also Chronic Effects from Short- and Long-Term Exposure:

- Not available

F. Notes to Physician:

- Inform medical personnel of the contaminated situation and have them take appropriate protective measures.
- If exposed or concerned, get medical attention/advice.

5. FIREFIGHTING MEASURES

A. Suitable and Unsuitable Extinguishing Media:

- Avoid use of water jet for extinguishing.
- Use dry chemical, carbon dioxide, regular foam, or water spray.

B. Specific Hazards Arising From the Chemical:

- May be harmful in contact with skin.
- May damage fertility or the unborn child

C. Special Protective Actions for Firefighters:

- Avoid inhalation of materials or combustion by-products.
- Cool containers with water until well after fire is out.
- Do not approach tanks surrounded by fire until extinguished.
- In case of conflagration, use automatic fire sprinklers. Major fires may require withdrawal and allowing the fire to burn under controlled conditions.

6. ACCIDENTAL RELEASE MEASURES

A. Personal Precautions, Protective Equipment and Emergency Procedures:

- Do not touch spilled material. Stop the leak if it can be done without risk.
- Handle damaged containers or spilled material only after wearing appropriate protective equipment.
- Move containers to a safe area away from the the leak.
- Work against the wind and evacuate pesonnel to the upwind area.
- Remove all sources of ignition.

B. Environmental Precautions:

- If large amounts are spilled, inform the relevant authorities.
- Prevent runoff and contact with waterways, drains, or sewers.

C. Methods and Materials for Containment and Cleaning Up:

- Collect spilled material in an appropriate container for disposal.
- Dispose of waste in compliance with the Wastes Control Act.
- For large spills, stay upwind and keep out of low areas. Dike for later disposal.
- Notify central and local government authorities if emissions reach regulatory thresholds.

7. HANDLING AND STORAGE

A. Precautions for Safe Handling:

- Avoid contact with incompatible materials.
- Avoid direct physical contact.
- Comply with all applicable laws and regulations for handling.
- Handle only in a well-ventilated place.
- Do not handle until all safety precautions have been read and understood.

B. Conditions for Safe Storage, Including Any Incompatibilities:

- Avoid direct sunlight.
- Check containers regularly for leaks.
- Do not apply physical shock to containers.
- Do not apply direct heat.
- Do not use damaged containers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

A. Exposure Limits:

○ **ACGIH TLV:**

- [Carbon black] : TWA, 3 mg/m3, Inhalable particulate matter

○ **OSHA PEL:**

- [Carbon black] : 3.5 mg/m3

B. Engineering Controls:

- Maintain airborne concentrations below recommended exposure limits using general exhaust ventilation for gas, vapor, mist, or fume control.

C. Individual Protection Measures, Such as Personal Protective Equipment:

○ Respiratory protection:

- Consider the warning properties of the product before use.
- Respiratory protection is ranked from minimum to maximum protection.

○ Eye protection:

- Provide an emergency eyewash station and quick drench shower in the immediate work area.
- Wear primary eye protection such as splash-resistant safety goggles with secondary face protection.

○ Hand protection:

- Wear appropriate chemical-resistant gloves.

○ Skin protection:

- Wear appropriate chemical-resistant protective clothing.

○ Others:

- Not available.

9. PHYSICAL AND CHEMICAL PROPERTIES

A. Appearance	
- Appearance	Paste
- Color	Color (White, Gray, Etc.)
B. Odor	Not available
C. Odor Threshold	Not available
D. pH	Not available
E. Melting Point / Freezing Point	Not available
F. Initial Boiling Point / Boiling Range	Not available
G. Flash Point	Not available
H. Evaporation Rate	Not available
I. Flammability (Solid, Gas)	Not available
J. Upper / Lower Flammability or Explosive Limits	Not available
K. Vapor Pressure	Not available
L. Solubility	Not available
M. Vapor Density	Not available
N. Specific Gravity (Relative Density)	Not available
O. Partition Coefficient (n-Octanol / Water)	Not available
P. Autoignition Temperature	Not available
Q. Decomposition Temperature	Not available
R. Viscosity	Not available
S. Molecular Weight	Not available

10. STABILITY AND REACTIVITY

A. Chemical Stability:

- This material is stable under recommended storage and handling conditions.

B. Possibility of Hazardous Reactions:

- Hazardous polymerization will not occur.

C. Conditions to Avoid:

- Avoid accumulation of electrostatic charges, heating, flames, and hot surfaces.
- Avoid contact with incompatible materials and conditions.

D. Incompatible Materials:

- Not available.

E. Hazardous Decomposition Products:

- May emit flammable vapor if involved in fire.

11. TOXICOLOGICAL INFORMATION

A. Information on the Likely Routes of Exposure:

○ Respiratory Tract:

- Not available.

○ Oral:

- Not available.

○ Eye · Skin:

- Causes mild skin irritation.

B. Delayed and Immediate Effects and Chronic Effects From Short- and Long-Term Exposure:

○ Acute toxicity

*** Oral:**

- Product (ATEmix) : >5000mg/kg
- [Calcium carbonate] : LD50 > 2000 mg/kg Rat No death Not classified (OECD TG 420, GLP) (ECHA)
- [Siloxanes and Silicones, di-Me] : LD50 > 17000 mg/kg Rat (NLM)
- [Trimethoxyvinylsilane] : LD50 6899~7012 mg/kg Rat (7.34~7.46 mL/kg) (OECD TG 401) (ECHA)
- [Bis(ethyl 3-oxobutanoato-O1',O3)bis(2-propanolato)titanium] : LC50 23020 mg/kg Rat (OECD TG 401) (ECHA)
- [Carbon black] : LD50 > 8000 mg/kg Rat (OECD TG 401) (ECHA)
- [Trimethoxy(methyl)silane] : LD50 11685 mg/kg (12.3 mL/kg) Rat (ECHA)
- [Propylene glycol] : LD50 22000 mg/kg Rat (ECHA)
- [N-[3-(Trimethoxysilyl)propyl]-1,2-ethanediamine] : LD50 2295 mg/kg Rat (EPA OPPTS 870.1100, GLP) (ECHA)

*** Dermal:**

- Product (ATEmix) : 2000mg/kg < ATEmix <= 5000mg/kg
- [Calcium carbonate] : LD50 > 2000 mg/kg Rat No death Not classified (OECD TG 402, GLP) (ECHA)
- [Siloxanes and Silicones, di-Me] : LD50 > 2000 mg/kg Rabbit (NLM)
- [Trimethoxyvinylsilane] : LD50 3158 mg/kg (3.36 mL/kg) (OECD TG 402) (ECHA)
- [Bis(ethyl 3-oxobutanoato-O1',O3)bis(2-propanolato)titanium] : LD50 12870 mg/kg Rabbit (Read-across 67-63-0) (ECHA)
- [Trimethoxy(methyl)silane] : LD50 > 9500 mg/kg (> 10 mL/kg) Rabbit (OECD TG 402)(ECHA)

- [Propylene glycol] : LD50 > 2000 mg/kg Rabbit, No death (ECHA)

- [N-[3-(Trimethoxysilyl)propyl]-1,2-ethanediamine] : LD50 > 2000 mg/kg Rabbit (EPA OPPTS 870.1200, GLP) (ECHA)

*** Inhalation:**

- Product (ATEmix): Not available

- [Calcium carbonate] : Aerosol LC50 > 3 mg/L 4 hr Rat No death Not classified (OECD TG 403, GLP) (ECHA)

- [Trimethoxyvinylsilane] : Vapor LC50 16.8 mg/L 4 hr Rat (2773 ppm) (OECD TG 403) (ECHA)

- [Bis(ethyl 3-oxobutanoato-O1',O3)bis(2-propanolato)titanium] : Vapour LC50 > 10000 ppm (> 24.6 mg/L) 6 hr mg/kg Rat No death Not classified (Read-across 67-63-0) (ECHA)

- [Carbon black] : Dust LC0 0.229 mg/L 6hr (0.344 mg/L 4 hr) Rat (OECD TG 403) (ECHA)

- [Trimethoxy(methyl)silane] : Vapor LC50 >7605 ppm 6 hr (> 42.1 mg/L 6 hr, > 51.6 mg/L 4 hr) Rat No death Not classified (OECD TG 403, GLP) (ECHA)

- [Propylene glycol] : Aerosol LC50 > 158.5 mg/L 4hr (317042 mg/㎥ 2hr) Rabbit (ECHA)

- [N-[3-(Trimethoxysilyl)propyl]-1,2-ethanediamine] : Aerosol LC50 > 1.49 ~ < 2.44 mg/L 4hr Rat (OECD TG 403, GLP) (ECHA)

○ Skin Corrosion / Irritation:

- Not available.

○ Serious Eye Damage / Irritation:

- Not available.

○ Respiratory Sensitization:

- Not available.

○ Skin Sensitization:

- Not available.

○ Carcinogenicity:

*** IARC:**

- Not available.

*** OSHA:**

- Not available.

*** ACGIH:**

- Not available.

*** NTP:**

- Not available.

*** EU CLP:**

- Not available.

○ Germ Cell Mutagenicity:

- Not available.

○ Reproductive Toxicity:

- May damage fertility or the unborn child

○ STOT - Single Exposure:

- Not available.

○ STOT - Repeated Exposure:

- Not available.

○ Aspiration Hazard

- Not available.

12. ECOLOGICAL INFORMATION

A. Ecotoxicity

○ Fish:

- [Calcium carbonate] : LC50 > 100 % v/v saturated solution 96 hr Oncorhynchus mykiss (OECD TG 203, GLP) (ECHA)

- [Trimethoxyvinylsilane] : LC50 191 mg/L 96 hr Oncorhynchus mykiss (ECHA)

- [Bis(ethyl 3-oxobutanoato-O1',O3)bis(2-propanolato)titanium] : LC50 9640 mg/L 96 hr Pimephales promelas (Read-across 67-63-0) (ECHA)

- [Carbon black] : LC50 > 1000 mg/L 96hr Danio rerio (OECD TG 203, GLP) (ECHA)

- [Trimethoxy(methyl)silane] : LC50 > 110 mg/L 96 hr Oncorhynchus mykiss (OECD TG 203, GLP) (ECHA)

- [Propylene glycol] : LC50 40613 mg/L 96hr Oncorhynchus mykiss, NOEC 11530 mg/L 7d Pimephales promelas (EPA 600/4-89/001) (ECHA)

- [N-[3-(Trimethoxysilyl)propyl]-1,2-ethanediamine] : LC50 597 mg/L 96hr Danio rerio (EU Method C.1, GLP) (ECHA)

○ **Crustaceans:**

- [Calcium carbonate] : EC50 > 100 % v/v saturated solution 48 hr Daphnia magna (OECD TG 202, GLP) (ECHA)

- [Trimethoxyvinylsilane] : EC50 168.7 mg/L 48 hr Daphnia magna (EU Method C.2, GLP), NOEC 28.1 mg/L 21 d Daphnia magna (OECD TG 211, GLP) (ECHA)

- [Bis(ethyl 3-oxobutanoato-O1',O3)bis(2-propanolato)titanium] : EC50 > 9.8 mg/L 48 hr Daphnia magna (OECD TG 202, GLP) (ECHA)

- [Carbon black] : LC50 > 5600 mg/L 24hr Daphnia magna (OECD TG 202, GLP) (ECHA)

- [Trimethoxy(methyl)silane] : EC50 > 122 mg/L 48 hr Daphnia magna (OECD TG 202, GLP), NOEC 10 mg/L 21 d Daphnia magna (Read-across 2445-53-6) (OECD TG 211, GLP) (ECHA)

- [Propylene glycol] : LC50 18340 mg/L 48hr Ceriodaphnia dubia (EPA 600/4-90/0-27), NOEC 13020 mg/L 7d Ceriodaphnia sp. (EPA 600/4-89/001) (ECHA)

- [N-[3-(Trimethoxysilyl)propyl]-1,2-ethanediamine] : EC50 81 mg/L 48hr Daphnia magna (EU Method C.2, GLP), NOEC >= 1 ppm 21d Daphnia magna (ECHA)

○ **Algae:**

- [Calcium carbonate] : EC50 > 14 mg/L 72 hr, NOEC 14 mg/L 72 hr Desmodesmus subspicatus (OECD TG 201, GLP) (ECHA)

- [Trimethoxyvinylsilane] : EC50 > 89 mg/L 72 hr, NOEC > 89 mg/L 72 hr Raphidocelis subcapitata (GLP) (ECHA)

- [Bis(ethyl 3-oxobutanoato-O1',O3)bis(2-propanolato)titanium] : EC50 > 11 mg/L, NOEC 11 mg/L 72 hr Raphidocelis subcapitata (OECD TG 201, GLP) (ECHA)

- [Carbon black] : EC50 > 10000 mg/L, EC10 > 10000 mg/L 72hr Desmodesmus subspicatus (OECD TG 201, GLP) (ECHA)

- [Trimethoxy(methyl)silane] : EC50 > 3.6 mg/L, NOEC >= 3.6 mg/L 72 hr Raphidocelis subcapitata (OECD TG 201, GLP) (ECHA)

- [Propylene glycol] : EC50 24200 mg/L 72hr, NOEC 15000 mg/L 14d Raphidocelis subcapitata (OECD TG 201, GLP) (ECHA)

- [N-[3-(Trimethoxysilyl)propyl]-1,2-ethanediamine] : EC50 8.8 mg/L, NOEC 3.1 mg/L 72hr Raphidocelis subcapitata (OECD TG 201, GLP) (ECHA)

B. Persistence and Degradability:

○ **Persistence:**

- [Bis(ethyl 3-oxobutanoato-O1',O3)bis(2-propanolato)titanium] : log Pow 0.05 (25 ℃) (Read-across 67-63-0) (ECHA)

- [Propylene glycol] : log Pow -1.07 (20.5℃, pH 6.2 ~ 6.4) (EU Method A.8, GLP) (ECHA)

○ **Degradability:**

- Not available.

C. Bioaccumulative potential

○ **Bioaccumulative potential:**

- Not available.

○ **Biodegradation:**

- [Calcium carbonate] : Readily biodegradable, 90 % 28 d (CO_2 evolution) (OECD TG 301 B, GLP) (ECHA)

- [Trimethoxyvinylsilane] : Not readily biodegradable, 51 % degradation (O_2 consumption) 28d (OECD TG 301 F, GLP) (ECHA)

- [Bis(ethyl 3-oxobutanoato-O1',O3)bis(2-propanolato)titanium] : Readily biodegradable, 72 % 20 d (O2 consumption) (Read-across 67-63-0) (EU Method C.5) (ECHA)

- [Carbon black] : Not readily biodegradable, 6 % degradation (CO2 evolution) 28d (OECD TG 301 B, GLP) (ECHA)

- [Trimethoxy(methyl)silane] : Not readily biodegradable, 54 % 28 d (DOC removal) (Read-across 1067-25-0) (EU Method C.4-A, GLP) (ECHA)

- [Propylene glycol] : Ready biodegradable, 81.7 % degradation (CO2 evolution) 28 day (OECD TG 301F, GLP) (ECHA)

- [N-[3-(Trimethoxysilyl)propyl]-1,2-ethanediamine] : Not readily biodegradable, 39 % degradation (DOC removal) 28 d (EU Method C.4-A, GLP) (ECHA)

D. Mobility in soil:

- [Bis(ethyl 3-oxobutanoato-O1',O3)bis(2-propanolato)titanium] : Koc 1.53 (Read-across 67-63-0) (ECHA)

E. Other Adverse Effects:

- Not available.

13. DISPOSAL CONSIDERATIONS

A. Disposal Methods:

- Treat waste by incineration.

- Apply oil–water separation technology as a pre-waste treatment where applicable.

- Where multiple designated wastes are mixed and separation is impractical, apply stabilization and minimization treatment by incineration or similar methods.

B. Special Precautions for Disposal:

-Industrial waste generators with a business license shall treat waste themselves or entrust it to licensed entities that treat, recycle, or operate waste treatment facilities in accordance with the Wastes Control Act.

- Dispose of waste in accordance with all applicable laws and regulations.

14. TRANSPORT INFORMATION

A. UN No. (IMDG Code / IATA DGR):

- Not applicable.

B. Proper Shipping Name:

- Not applicable.

C. Hazard Class:

- Not applicable.

D. IMDG Code / IATA DGR Packing Group:

- Not applicable.

E. Marine Pollutant:

- Not applicable.

F. Special Precautions for User Related to Transport or Transportation Measures (Continued):

- Local transport shall comply with the Dangerous Goods Safety Management Law.

- Packaging and transport shall comply with the requirements of the Department of Transportation (DOT) and other applicable regulatory agencies.

- EmS Fire Schedule:

- Not available.

- EmS Spillage Schedule:

- Not available.

15. REGULATORY INFORMATION

A. National and/or international regulatory information

○ **POPs Management Law:**

- [Siloxanes and Silicones, di-Me, hydroxy-terminated]: Not applicable
- [Calcium carbonate]: Not applicable
- [Siloxanes and Silicones, di-Me]: Not applicable
- [Trimethoxyvinylsilane]: Not applicable
- [Bis(ethyl 3-oxobutanoato-O1',O3)bis(2-propanolato)titanium]: Not applicable
- [Carbon black]: Not applicable
- [Trimethoxy(methyl)silane]: Not applicable
- [Propylene glycol]: Not applicable
- [N-[3-(Trimethoxysilyl)propyl]-1,2-ethanediamine]: Not applicable

○ **Information of EU Classification:**

*** Classification**

- Not applicable.

○ **U.S. Federal Regulations:**

*** OSHA PROCESS SAFETY (29CFR1910.119)**

- Not applicable.

*** CERCLA Section 103 (40CFR302.4)**

- Not applicable.

*** EPCRA Section 302 (40CFR355.30)**

- Not applicable.

*** EPCRA Section 304 (40CFR355.40)**

- Not applicable.

*** EPCRA Section 313 (40CFR372.65)**

- Not applicable.

○ **Rotterdam Convention listed ingredients:**

- Not applicable.

○ **Stockholm Convention listed ingredients:**

- Not applicable.

○ **Montreal Protocol listed ingredients:**

- Not applicable.

16. OTHER INFORMATION

A. Reference

- The information contained herein is believed to be accurate and is provided independently of any sale of the product for the purpose of hazard communication.
- It is not intended to constitute performance information concerning the product. No express or implied warranty of merchantability or fitness for a particular purpose is made with respect to the product or the information contained herein.
- This Safety Data Sheet was compiled using data and information from the following sources: KOSHA, NITE, ESIS, NLM, SIDS, and IPCS.

B. Issue Date

- 2017-04-28

C. Revision Number and Last Date Revised

- 3; 2026-01-19

D. Other

- This SDS is prepared in accordance with the Globally Harmonized System (GHS).