

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture
Product name : Sentinel Cut-Edge Sealant

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : PVC Cut-Edge Sealant

1.3. Details of the supplier of the safety data sheet

Manufacturer:
SOPREMA, Inc.
310 Quadral Dr.
Wadsworth, OH 44281
Tel: 1-800-356-3521

Distributors:
SOPREMA Canada
1675 Haggerty Street
Drummondville (Quebec) J2C 5P7
Tel: 1-819-478-8163

SOPREMA Canada
44955 Yale Road West
Chilliwack (BC) V2R 4H3
CANADA
Tel: 1-604-793-7100

SOPREMA USA
12251 Seaway Road
Gulfport (Mississippi) 39507
UNITED STATES
Tel: 1-228-701-1900

1.4. Emergency telephone number

Emergency number : CHEMTREC 1-800-434-9300 (Acct.# CCN20515). CANUTEC 1-613-996-6666

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (GHS-US)

Flam. Liq. 2 H225
Eye Irrit 2A H319
STOT SE3 H335

2.2. Label elements

GHS-US labeling

Hazard pictograms (GHS-US) :



GHS02

GHS07

Signal word (GHS-US) :

Danger

Hazard statements (GHS-US) :

H225 - Highly flammable liquid and vapor
H319 - Causes serious eye irritation
H335 - May cause respiratory irritation

Precautionary statements (GHS-US) :

P101 - If medical advice is needed, have product container or label at hand.
P102 - Keep out of reach of children.
P103 - Read label before use.
P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking
P241 - Use explosion-proof electrical/ventilating/lighting/equipment.

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P261 - Avoid breathing vapors
P271 - Use only outdoors or in a well-ventilated area
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P240 - Ground/bond container and receiving equipment.
P233 - Keep container tightly closed.
P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position Comfortable for breathing.
P312 - Call a POISONCENTER or doctor/physician if you feel unwell.
P405 - Store locked up.
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
P403+P233 - Store in a well-ventilated place. Keep container tightly closed
P403+P235 - Store in a well-ventilated place. Keep cool
P501 - Dispose of container in accordance with local, regional or national regulations

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS-US)

No data available

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%
tetrahydrofuran	(CAS No) 109-99-9	80 - 88
Ethene, Chloro, Homopolymer	(CAS No) 9002-86-2	9 - 11
Diisononyl Phthalate	(CAS No) 28553-12-0	5.7
(2-Hydroxy-4-(octyloxy)-phenyl)phenylmethanone	(CAS No) 1843-05-6	0.9-1
Butylated Hydroxytoluene	(CAS No) 128-37-0	< 0.2

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation : Supply fresh air; consult doctor in case of complaints.
First-aid measures after skin contact : Generally the product does not irritate the skin.
First-aid measures after eye contact : Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
First-aid measures after ingestion : Give large amounts of water. If symptoms persist, consult a doctor.

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

Symptoms/injuries after inhalation : No further relevant information available.
Symptoms/injuries after ingestion : No further relevant information available.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : CO₂, sand, extinguishing powder. Do not use water.
Unsuitable extinguishing media : Water with full jet.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Highly flammable liquid and vapor.
Explosion hazard : May form flammable/explosive vapor-air mixture.

5.3. Advice for firefighters

Firefighting instructions : No special measures required.
Protection during firefighting : No special measures required.

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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Wear protective equipment. Keep unprotected persons away.

6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Absorb with liquid-binding material (ie. Sand, diatomite, acid binders, universal binders, sawdust).

Ensure adequate ventilation.

Do not flush with water or aqueous cleansing agents.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : Handle empty containers with care because residual vapors are flammable.

Precautions for safe handling : Ensure good ventilation/exhaustion at the workplace.

Open and handle receptacle with care.

Prevent formation of aerosols.

Hygiene measures : Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Keep ignition sources away – Do not smoke.

Protect from heat.

Protect against electrostatic charges.

Storage conditions : Store in a cool location.

Keep receptacle tightly sealed.

Store in cool, dry conditions in well sealed receptacles.

Protect from heat and direct sunlight.

Incompatible products : No further relevant information available.

Incompatible materials : No further relevant information available.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

tetrahydrofuran (109-99-9)		
USA ACGIH	ACGIH TWA (ppm)	50 ppm
USA ACGIH	ACGIH STEL (ppm)	100 ppm
USA OSHA	OSHA PEL (TWA) (mg/m ³)	590 mg/m ³
USA OSHA	OSHA PEL (TWA) (ppm)	200 ppm

8.2. Exposure controls

General protective and hygienic measures : Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work.
Avoid contact with the eyes.
Avoid contact with the eyes and skin.

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Personal protective equipment	: Avoid all unnecessary exposure.
Hand protection	: The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Select the glove material based on penetration times, rates of diffusion and degradation.
Material of gloves	: The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.
Penetration time of glove material	: The exact break-through time has to be determined and observed by the manufacturer of the protective gloves.
Eye protection	: Tightly sealed goggles.
Respiratory protection	: Not required.
Other information	: Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Clear, colorless liquid.
Color	: Colorless
Odor	: Ether-like
Odor threshold	: No data available
pH	: 7
Relative evaporation rate (butyl acetate=1)	: No data available
Melting point	: -108 °C (-163 °F)
Freezing point	: No data available
Boiling point	: 65 °C (149 °F)
Flash point	: -21 °C (-6 °F)
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: 200 hPa (150 mm Hg)
Relative vapor density at 20 °C	: No data available
Specific Gravity	: No data available
Density	: 0.930 g/cm ³ (7.76 lbs/gal)
Solubility	: Not miscible or difficult to mix
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Explosive limits	: No data available

9.2. Other information

VOC content	: < 740 g/l
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SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Stable

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10.3. Possibility of hazardous reactions

No dangerous reactions known.

10.4. Conditions to avoid

No further relevant information available.

10.5. Incompatible materials

No further relevant information available.

10.6. Hazardous decomposition products

No decomposition if used according to specifications

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	: LD/LC50 values that are relevant for classification: 109-99-9 tetrahydrofuran Oral LD50 2500 mg/kg (rat)
Skin corrosion/irritation	: No irritant effect.
Eye damage/irritation	: Irritating effect.
Respiratory or skin sensitization	: No sensitizing effects known.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Substance is not listed by IARC or NTP.
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified
Potential Adverse human health effects and symptoms	: Not classified
Symptoms/injuries after inhalation	: No further relevant information available.
Symptoms/injuries after ingestion	: No further relevant information available.

SECTION 12: Ecological information

12.1. Aquatic Toxicity

No further relevant information available.

12.2. Persistence and degradability

No further relevant information available.

12.3. Bioaccumulative potential

No further relevant information available.

12.4. Mobility in soil

No further relevant information available.

12.5. Other adverse effects

Effect on ozone layer	: No additional information available
Effect on the global warming	: No additional information available
Other information	: Water hazard class 1 (assessment by list): slightly hazardous for water Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations. Dispose of container in accordance with local, regional or national regulations.
Additional information	: Handle empty containers with care because residual vapors are flammable.
Ecology - waste materials	: Avoid release to the environment. Hazardous waste due to toxicity.

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SECTION 14: Transport information

In accordance with DOT

Transport document description : UN1133
UN-No.(DOT) : UN1133
DOT NA no. : UN1133
DOT Proper Shipping Name : Adhesives, containing a flammable liquid.
Department of Transportation (DOT) Hazard Classes : 3 - Class 3 - Flammable liquid 49 CFR 173.120
Hazard labels (DOT) : 3 - Flammable liquid



Packing group (DOT) : II - Medium Danger
Marine Pollutant : No

Additional information

Other information : ERG Guide Number: 128

ADR

Transport document description :

Transport by sea

UN-No. (IMDG) : 1133
Proper Shipping Name (IMDG) : Adhesives, containing a flammable liquid.
Class (IMDG) : 3 - Flammable liquids
Packing group (IMDG) : II - substances presenting medium danger

Air transport

UN-No.(IATA) : 1133
Proper Shipping Name (IATA) : Adhesives, containing a flammable liquid.
Class (IATA) : 3 - Flammable Liquids
Packing group (IATA) : II - Medium Danger

SECTION 15: Regulatory information

15.1. US Federal regulations

Regulation	Result
SARA Section 355 (extremely hazardous substance)	Mixture substances are not listed.
Section 313 (Specific toxic chemical listings)	Mixture substances are not listed.
TSCA (Toxic Substance Control Act)	109-99-9 tetrahydrofuran is listed.
Proposition 65	Mixture substances are not listed.
Chemicals known to cause reproductive toxicity for females	Mixture substances are not listed.
Chemicals known to cause reproductive harm to males	Mixture substances are not listed.
Chemicals known to cause developmental toxicity	Mixture substances are not listed.
TLV (Threshold Limit Value established by ACGIH)	109-99-9 tetrahydrofuran
NIOSH-Ca(National Institute for Occupational Safety and Health)	Mixture substances are not listed.
OSHA-Ca(Occupational Safety & Health Administration)	Mixture substances are not listed.

15.2. International regulations

CANADA

No additional information available

EU-Regulations

No additional information available

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Classification according to Regulation (EC) No. 1272/2008 [CLP]

Classification according to Directive 67/548/EEC or 1999/45/EC

Not classified

15.2.2. National regulations

No additional information available

15.3. US State regulations

No additional information available

SECTION 16: Other information

Revision date : 07/12/2017

Other information : The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of the need that the information is current, applicable, and suitable to their circumstances.

Abbreviations and acronyms:

ADR	Accord European sur le transport des marchandises par Route (European Agreement concerning the international Carriage of Dangerous Goods)
IMDG	International Maritime Code for Dangerous Goods
DOT	US Department of Transportation
IATA	International Air Transport Association
ACGIH	American Conference of Government Industrial Hygienists
EINECS	European Inventory of Existing Commercial Chemical Substances
CAS	Chemical Abstracts Service (division of the American Chemical Society)
NFPA	National Fire Protection Association (USA)
HMIS	Hazardous Materials Identification System (USA)
VOC	Volatile Organic Compounds (USA, EU)
LC50	Lethal concentration, 50 percent
LD50	Lethal Dose, 50 percent

NFPA health hazard : 1 - Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given.

NFPA fire hazard : 3 - Liquids and solids that can be ignited under almost all ambient conditions.

NFPA reactivity : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.

SDS US (GHS HazCom 2012) - Custom

This SDS contains all the information required by ANSI Z400.1 standard (United States), by regulation 29 CFR Part 1910-1200 of the Hazard Communication Standard of OSHA and is in accordance with DORS/88-66 of WHMIS (Canada).

The best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy of completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.