

STORMSURE

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SAFETY DATA SHEET

Stormoprene

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

1.1. Product identifier

Product name	Stormoprene
Product number	FP-000353, FP-000355, FP-000356, FP-000357, FP-000358, FP-000361, FP-000362, FP-000363, FP-002168, WO-3703, A03703

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

Identified uses	Adhesive.
Uses advised against	No specific uses advised against are identified.

1.3. Details of the supplier of the safety data sheet

Supplier	Stormsure Ltd Hall Farm Road, Lode Road Bottisham Cambridge Cambridgeshire CB25 9DN T: +44 (0) 33 33 44 15 00 E: info@stormsure.com
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1.4. Emergency telephone number

Emergency telephone	++44 (0) 33 33 44 15 00 (NOT 24HRS - 8am-5pm Mon-Fri)
National emergency telephone number	National Poisons Information Service (UK) TEL: 0844 892 0111 UFI Number: 3W7A-30J1-A00N-WU2W

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards	Flam. Liq. 2 - H225
Health hazards	Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317 STOT SE 3 - H336
Environmental hazards	Aquatic Chronic 2 - H411

Physicochemical The product is highly flammable. Vapours may form explosive mixtures with air. Vapours are heavier than air and may travel along the floor and accumulate in the bottom of containers. Vapours may be ignited by a spark, a hot surface or an ember.

2.2. Label elements

Hazard pictograms



Stormoprene

Signal word	Danger
Hazard statements	H225 Highly flammable liquid and vapour. H315 Causes skin irritation. H319 Causes serious eye irritation. H317 May cause an allergic skin reaction. H336 May cause drowsiness or dizziness. H411 Toxic to aquatic life with long lasting effects.
Precautionary statements	P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P260 Do not breathe dust/ fume/ gas/ mist/ vapours/ spray. P271 Use only outdoors or in a well-ventilated area. P273 Avoid release to the environment. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P313 Get medical advice/ attention. P501 Dispose of contents/ container in accordance with national regulations.
Supplemental label information	RCH005a This product is not to be used under conditions of poor ventilation. RCH005b This product is not to be used for carpet laying. EUH208 Contains rosin. May produce an allergic reaction.
Contains	BUTANONE, hydrocarbons, C6-C7,n-alkanes, isoalkanes, cyclics, <5% n-hexane, CYCLOHEXANE, ACETONE, ROSIN

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

BUTANONE		10-30%
CAS number: 78-93-3	EC number: 201-159-0	REACH registration number: 01-2119457290-43-0000
Classification		
Flam. Liq. 2 - H225		
Acute Tox. 4 - H302		
Acute Tox. 4 - H312		
Acute Tox. 4 - H332		
Eye Irrit. 2 - H319		
STOT SE 3 - H336		

Stormoprene

hydrocarbons, C6-C7,n-alkanes, isoalkanes, cyclics, <5% n-hexane			10-30%
CAS number: —	EC number: 921-024-6	REACH registration number: 01-2119475514-35-0001	
Classification			
Flam. Liq. 2 - H225			
Skin Irrit. 2 - H315			
STOT SE 3 - H336			
Asp. Tox. 1 - H304			
Aquatic Chronic 2 - H411			
CYCLOHEXANE			10-30%
CAS number: 110-82-7	EC number: 203-806-2	REACH registration number: 01-2119463273-41-0000	
M factor (Acute) = 1	M factor (Chronic) = 1		
Classification			
Flam. Liq. 2 - H225			
Acute Tox. 4 - H312			
Skin Irrit. 2 - H315			
STOT SE 3 - H336			
Asp. Tox. 1 - H304			
Aquatic Acute 1 - H400			
Aquatic Chronic 1 - H410			
ACETONE			10-30%
CAS number: 67-64-1	EC number: 200-662-2	REACH registration number: 01-2119471330-49-0000	
Classification			
Flam. Liq. 2 - H225			
Eye Irrit. 2 - H319			
STOT SE 3 - H336			
ROSIN			1-5%
CAS number: 8050-09-7	EC number: 232-475-7	REACH registration number: 01-2119480418-32-0036	
Classification			
Skin Sens. 1 - H317			

Stormoprene

ZINC OXIDE		<1%
CAS number: 1314-13-2	EC number: 215-222-5	REACH registration number: 01-2119463881-32-0000
M factor (Acute) = 1	M factor (Chronic) = 1	
Classification		
Aquatic Acute 1 - H400		
Aquatic Chronic 1 - H410		

HEXANE-norm		<1%
CAS number: 110-54-3	EC number: 203-777-6	REACH registration number: 01-2119480412-44-0009
Classification		
Flam. Liq. 2 - H225		
Skin Irrit. 2 - H315		
Repr. 2 - H361f		
STOT SE 3 - H336		
STOT RE 2 - H373		
Asp. Tox. 1 - H304		
Aquatic Chronic 2 - H411		

The full text for all hazard statements is displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information	Get medical attention if any discomfort continues.
Inhalation	Remove affected person from source of contamination. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.
Ingestion	Rinse mouth thoroughly with water. Get medical attention.
Skin contact	Remove contaminated clothing immediately and wash skin with soap and water.
Eye contact	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention immediately.
Protection of first aiders	First aid personnel should wear appropriate protective equipment during any rescue.

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

General information	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
Inhalation	Vapours may cause headache, fatigue, dizziness and nausea.
Ingestion	May cause discomfort if swallowed. May cause stomach pain or vomiting.
Skin contact	Prolonged skin contact may cause redness and irritation.
Eye contact	May cause temporary eye irritation.

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

Notes for the doctor	No specific recommendations. If in doubt, get medical attention promptly.
Specific treatments	Treat symptomatically.

Stormoprene

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Use fire-extinguishing media suitable for the surrounding fire. Extinguish with alcohol-resistant foam, carbon dioxide or dry powder.

Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards The product is flammable. Heating may generate flammable vapours. Protection against nuisance dust must be used when the airborne concentration exceeds 10 mg/m³. The product is highly flammable.

Hazardous combustion products Does not decompose when used and stored as recommended.

5.3. Advice for firefighters

Protective actions during firefighting Control run-off water by containing and keeping it out of sewers and watercourses. Avoid breathing fire gases or vapours. Keep up-wind to avoid fumes.

Special protective equipment for firefighters Wear chemical protective suit.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Environmental precautions Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body. Do not discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Absorb in vermiculite, dry sand or earth and place into containers.

6.4. Reference to other sections

Reference to other sections Wear protective clothing as described in Section 8 of this safety data sheet. For waste disposal, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Keep away from heat, sparks and open flame. Static electricity and formation of sparks must be prevented. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Keep away from heat, sparks and open flame. Keep container tightly closed. Keep only in the original container.

Storage class Flammable liquid storage.

7.3. Specific end use(s)

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Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

BUTANONE

Long-term exposure limit (8-hour TWA): WEL 200 ppm(Sk) 600 mg/m³(Sk)

Short-term exposure limit (15-minute): WEL 300 ppm(Sk) 899 mg/m³(Sk)

CYCLOHEXANE

Long-term exposure limit (8-hour TWA): WEL 100 ppm 350 mg/m³

Short-term exposure limit (15-minute): WEL 300 ppm 1050 mg/m³

ACETONE

Long-term exposure limit (8-hour TWA): WEL 500 ppm 1210 mg/m³

Short-term exposure limit (15-minute): WEL 1500 ppm 3620 mg/m³

HEXANE-norm

Long-term exposure limit (8-hour TWA): WEL 20 ppm 72 mg/m³

WEL = Workplace Exposure Limit.

Ingredient comments WEL = Workplace Exposure Limits

BUTANONE (CAS: 78-93-3)

Ingredient comments	WEL = Workplace Exposure Limits
Biological limit values	Short Term Value: 300ppm Long Term Value: 200ppm
DNEL	Consumer - Oral; Long term systemic effects: 31 mg/kg bw/day Consumer - Dermal; Long term systemic effects: 412 mg/kg bw/day Workers - Dermal; Long term systemic effects: 1161 mg/kg bw/day Consumer - Inhalation; Long term systemic effects: 106 mg/m ³ Workers - Inhalation; Long term systemic effects: 600 mg/m ³
PNEC	- Fresh water; 55.8 mg/l - Sediment (Freshwater); 284.7 mg/kg - Intermittent release; 55.8 mg/l - Sediment (Marinewater); 284.7 - marine water; 55.8 mg/l - STP; 709 mg/l - Soil; 22.5 mg/kg

hydrocarbons, C6-C7,n-alkanes, isoalkanes, cyclics, <5% n-hexane

Ingredient comments	WEL = Workplace Exposure Limits
DNEL	Consumer - Oral; Long term systemic effects: 699 mg/kg bw/day Workers - Oral; Long term systemic effects: 2035 mg/kg bw/day Consumer - Dermal; Long term systemic effects: 699 mg/kg bw/day Workers - Dermal; Long term systemic effects: 773 mg/kg bw/day Consumer - Inhalation; Long term systemic effects: 608 mg/m ³

CYCLOHEXANE (CAS: 110-82-7)

Stormoprene

DNEL	Consumer - Oral; Long term systemic effects: 59.4 mg/kg bw/day
	Consumer - Dermal; Long term systemic effects: 1186 mg/kg bw/day
	Workers - Dermal; Long term systemic effects: 2016 mg/kg bw/day
	Consumer - Inhalation; Short term local effects: 412 mg/m ³
	Consumer - Inhalation; Short term systemic effects: 412 mg/m ³
	Workers - Inhalation; Short term local effects: 700 mg/m ³
	Workers - Inhalation; Short term systemic effects: 700 mg/m ³
	Consumer - Inhalation; Long term local effects: 206 mg/m ³
	Workers - Inhalation; Long term local effects: 700 mg/m ³
	Consumer - Inhalation; Long term systemic effects: 206 mg/m ³
Workers - Inhalation; Long term systemic effects: 700 mg/m ³	
PNEC	- Fresh water; 0.207 mg/l
	- Sediment (Freshwater); 3.627 mg/kg
	- STP; 3.24 mg/l
	- Soil; 2.99 mg/kg

ACETONE (CAS: 67-64-1)

Ingredient comments WEL = Workplace Exposure Limits

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate general and local exhaust ventilation. Observe any occupational exposure limits for the product or ingredients. As this product contains ingredients with exposure limits, process enclosures, local exhaust ventilation or other engineering controls should be used to keep worker exposure below any statutory or recommended limits, if use generates dust, fumes, gas, vapour or mist. This product is not to be used under conditions of poor ventilation.

Eye/face protection

The following protection should be worn: Chemical splash goggles.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. It is recommended that gloves are made of the following material: Nitrile rubber. It should be noted that liquid may penetrate the gloves. Frequent changes are recommended.

Other skin and body protection

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact. Wear apron or protective clothing in case of contact.

Hygiene measures

Use engineering controls to reduce air contamination to permissible exposure level. Provide eyewash station. Wash contaminated clothing before reuse. Wash hands after handling. Eating, smoking and water fountains prohibited in immediate work area.

Respiratory protection

If ventilation is inadequate, suitable respiratory protection must be worn. Wear a respirator fitted with the following cartridge: ABEK2-P3

Environmental exposure controls

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Stormoprene

Appearance	Coloured liquid.
Colour	Various colours.
Odour	Acetone.
Odour threshold	Not available.
pH	pH (concentrated solution): 7-8
Melting point	Not available.
Initial boiling point and range	56°C @ 20
Flash point	-22°C Closed cup.
Evaporation rate	Not determined.
Evaporation factor	Not available.
Flammability (solid, gas)	Not available.
Upper/lower flammability or explosive limits	: 0.6%-13%
Other flammability	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density	0.86 @ 20°C
Bulk density	Not available.
Solubility(ies)	Insoluble in water.
Partition coefficient	Not available.
Auto-ignition temperature	200°C
Decomposition Temperature	Not available.
Viscosity	Kinematic viscosity > 20.5 mm ² /s.
Explosive properties	Not available.
Explosive under the influence of a flame	Not considered to be explosive.
Oxidising properties	Not available.
Comments	Information given is applicable to the product as supplied.
9.2. Other information	
Other information	No information required.
Refractive index	Not available.
Particle size	Not available.
Molecular weight	Not available.
Volatility	Not available.
Saturation concentration	Not available.
Critical temperature	Not available.

Stormoprene

Volatile organic compound This product contains a maximum VOC content of 700 g/l.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability No particular stability concerns. Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Not applicable. Not relevant.

10.4. Conditions to avoid

Conditions to avoid Avoid heat, flames and other sources of ignition.

10.5. Incompatible materials

Materials to avoid Strong oxidising agents.

10.6. Hazardous decomposition products

Hazardous decomposition products Does not decompose when used and stored as recommended. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Oxides of carbon. Oxides of nitrogen.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects No information available.

Other health effects There is no evidence that the product can cause cancer.

Acute toxicity - oral

ATE oral (mg/kg) 7,567.16

Acute toxicity - dermal

ATE dermal (mg/kg) 4,581.9

Acute toxicity - inhalation

ATE inhalation (vapours mg/l) 75.67

Serious eye damage/irritation

Serious eye damage/irritation Irritation of eyes is assumed.

Respiratory sensitisation

Respiratory sensitisation Not determined.

Skin sensitisation

Skin sensitisation Not determined.

Carcinogenicity

Carcinogenicity Data lacking.

Target organ for carcinogenicity Not relevant.

Reproductive toxicity

Stormoprene

Reproductive toxicity - fertility	Not available.
Reproductive toxicity - development	This substance has no evidence of toxicity to reproduction.
Aspiration hazard	
Aspiration hazard	Not anticipated to present an aspiration hazard, based on chemical structure.
General information	
General information	No specific health hazards known.
Inhalation	Vapour from this product may be hazardous by inhalation.
Ingestion	May be harmful if swallowed.
Skin contact	May be harmful in contact with skin.
Eye contact	May cause blurred vision and serious eye damage.

Toxicological information on ingredients.

BUTANONE

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 2,000.0

Species Rat

ATE oral (mg/kg) 2,000.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 2,000.0

Species Rabbit

ATE dermal (mg/kg) 2,000.0

Acute toxicity - inhalation

Acute toxicity inhalation (LC₅₀ vapours mg/l) 20.0

Species Rat

ATE inhalation (vapours mg/l) 20.0

hydrocarbons, C6-C7,n-alkanes, isoalkanes, cyclics, <5% n-hexane

Toxicological effects No information available.

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 5,840.0

Species Rat

Notes (oral LD₅₀) Not known. Data lacking.

ATE oral (mg/kg) 5,840.0

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Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 2,920.0

Species Rat

Notes (dermal LD₅₀) Data lacking.

ATE dermal (mg/kg) 2,920.0

Acute toxicity - inhalation

Acute toxicity inhalation (LC₅₀ vapours mg/l) 25.2

Species Rat

ATE inhalation (vapours mg/l) 25.2

Skin corrosion/irritation

Animal data Data lacking.

Serious eye damage/irritation

Serious eye damage/irritation Data lacking.

Aspiration hazard

Aspiration hazard Kinematic viscosity > 20.5 mm²/s.

Inhalation May cause respiratory system irritation.

Ingestion May cause stomach pain or vomiting.

Skin contact Irritating to skin.

Eye contact May cause severe eye irritation.

Acute and chronic health hazards Vapour from this product may be hazardous by inhalation.

Route of exposure Inhalation Skin absorption Ingestion. Skin and/or eye contact

Target organs No specific target organs known.

Medical symptoms Gas or vapour in high concentrations may irritate the respiratory system. Symptoms following overexposure may include the following: Headache. Fatigue. Nausea, vomiting.

Medical considerations No information available.

CYCLOHEXANE

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 5,000.0

Species Rat

ATE oral (mg/kg) 5,000.0

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Stormoprene

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ 2,000.0 mg/kg)

Species Rabbit

ATE dermal (mg/kg) 2,000.0

ACETONE

Other health effects There is no evidence that the product can cause cancer.

Acute toxicity - oral

Acute toxicity oral (LD₅₀ 5,800.0 mg/kg)

Species Rat

ATE oral (mg/kg) 5,800.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ 7,426.0 mg/kg)

Species Rat

ATE dermal (mg/kg) 7,426.0

Acute toxicity - inhalation

Acute toxicity inhalation (LC₅₀ vapours mg/l) 50,100.0

Species Rat

ATE inhalation (vapours mg/l) 50,100.0

Skin corrosion/irritation

Extreme pH Slightly irritating.

Serious eye damage/irritation

Serious eye damage/irritation Moderately irritating.

Respiratory sensitisation

Respiratory sensitisation Not sensitising.

ZINC OXIDE

Acute toxicity - oral

Acute toxicity oral (LD₅₀ 7,950.0 mg/kg)

Species Mouse

ATE oral (mg/kg) 7,950.0

Acute toxicity - dermal

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Acute toxicity dermal (LD₅₀ 2,500.0 mg/kg)

Species Mouse

ATE dermal (mg/kg) 2,500.0

HEXANE-norm

Acute toxicity - oral

Acute toxicity oral (LD₅₀ 25,000.0 mg/kg)

Species Rat

ATE oral (mg/kg) 25,000.0

Acute toxicity - inhalation

Acute toxicity inhalation (LC₅₀ gases ppmV) 48,000.0

Species Rat

ATE inhalation (gases ppm) 48,000.0

SECTION 12: Ecological information

Ecological information on ingredients.

hydrocarbons, C6-C7,n-alkanes, isoalkanes, cyclics, <5% n-hexane

Ecotoxicity Dangerous for the environment.

12.1. Toxicity

Acute aquatic toxicity

Acute toxicity - fish Supplier's information.
LC₀, hours: >1-10< mg/l, Fish

Acute toxicity - aquatic plants , hours: >1-10 mg/l, Algae

Ecological information on ingredients.

BUTANONE

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, EC₅₀, IC₅₀ : 100 mg/l, Fish

Acute toxicity - aquatic plants LC₅₀, EC₅₀, IC₅₀ : 100 mg/l, Algae

hydrocarbons, C6-C7,n-alkanes, isoalkanes, cyclics, <5% n-hexane

Acute aquatic toxicity

Acute toxicity - fish LC₀, hours: >1-<10 mg/l, Fish

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: 3 mg/l, Daphnia magna

Stormoprene

Acute toxicity - aquatic plants LC₀, hours: >1-<10 mg/l, Algae

CYCLOHEXANE

Acute aquatic toxicity

LE(C)₅₀ 0.1 < L(E)C₅₀ ≤ 1

M factor (Acute) 1

Acute toxicity - fish LC₀, 96 hours: 4.53 mg/l, Pimephales promelas (Fat-head Minnow)

Acute toxicity - aquatic invertebrates EC₀, 48 hours: 0.9 mg/l, Daphnia magna

Acute toxicity - aquatic plants IC₀, 72 hours: 3.4 mg/l, Algae

Acute toxicity - microorganisms EC₅₀, 20 hours: 29 mg/l, Bacteria

Chronic aquatic toxicity

M factor (Chronic) 1

ACETONE

Toxicity Not considered toxic to fish.

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: 5540 mg/l, Freshwater fish
, 96 hours: 11000 mg/l, Marinewater fish
LC₅₀, 96 hours: 11000 mg/l, Fish

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: 8800 mg/l, Daphnia magna
EC₅₀, 48 hours: 8800 mg/l, Daphnia magna

Acute toxicity - aquatic plants IC₅₀, 72 hours: 430 mg/l, Algae

Acute toxicity - microorganisms , 30 minutes: 1000 mg/l, Activated sludge

ZINC OXIDE

Acute aquatic toxicity

LE(C)₅₀ 0.1 < L(E)C₅₀ ≤ 1

M factor (Acute) 1

Acute toxicity - fish LC₅₀, 96 hours: 1.1 mg/l, Oncorhynchus mykiss (Rainbow trout)

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: 0.098 mg/l, Daphnia magna

Chronic aquatic toxicity

M factor (Chronic) 1

HEXANE-norm

Acute aquatic toxicity

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Acute toxicity - fish	LC ₅₀ , EC ₅₀ , IC ₅₀ : 10 mg/l, Fish
Acute toxicity - aquatic invertebrates	LC ₅₀ , EC ₅₀ , IC ₅₀ : 10 mg/l, Daphnia magna
Acute toxicity - aquatic plants	LC ₅₀ , EC ₅₀ , IC ₅₀ : 10 mg/l, Algae

12.2. Persistence and degradability

Ecological information on ingredients.

ACETONE

Persistence and degradability	The product is expected to be biodegradable.
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12.3. Bioaccumulative potential

Partition coefficient	Not available.
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Ecological information on ingredients.

CYCLOHEXANE

Bioaccumulative potential	BCF: 167,
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ACETONE

Bioaccumulative potential	The product does not contain any substances expected to be bioaccumulating. BCF: 3,
Partition coefficient	Pow: < -0.24

12.4. Mobility in soil

Mobility	The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces.
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Ecological information on ingredients.

BUTANONE

Mobility	The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces.
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ACETONE

Mobility	The product is miscible with water and may spread in water systems.
Adsorption/desorption coefficient	Water - log Koc: 1.5 @ 20°C
Henry's law constant	2929-3070 Pa m ³ /mol @ 25°C

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment	This product does not contain any substances classified as PBT or vPvB.
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Ecological information on ingredients.

BUTANONE

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Stormoprene

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

ACETONE

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Other adverse effects None known.

Ecological information on ingredients.

BUTANONE

Other adverse effects None known.

ACETONE

Other adverse effects Not applicable.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Waste should be treated as controlled waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID) 1133

UN No. (IMDG) 1133

UN No. (ICAO) 1133

14.2. UN proper shipping name

Proper shipping name (ADR/RID) ADHESIVES (hydrocarbons, C6-C7,n-alkanes, isoalkanes, cyclics, <5% n-hexane)

Proper shipping name (IMDG) ADHESIVES (hydrocarbons, C6-C7,n-alkanes, isoalkanes, cyclics, <5% n-hexane)

Proper shipping name (ICAO) ADHESIVES (hydrocarbons, C6-C7,n-alkanes, isoalkanes, cyclics, <5% n-hexane)

Proper shipping name (ADN) ADHESIVES (hydrocarbons, C6-C7,n-alkanes, isoalkanes, cyclics, <5% n-hexane)

14.3. Transport hazard class(es)

ADR/RID class 3

ADR/RID label 3

IMDG class 3

ICAO class/division 3

Stormoprene

Transport labels



14.4. Packing group

ADR/RID packing group II

IMDG packing group II

ICAO packing group II

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant



14.6. Special precautions for user

EmS F-E, S-D

Hazard Identification Number 33
(ADR/RID)

Tunnel restriction code (D/E)

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

SECTION 15: Regulatory information

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

National regulations

Health and Safety at Work etc. Act 1974 (as amended).

The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended).

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

Control of Substances Hazardous to Health Regulations 2002 (as amended).

EU legislation

Commission Directive 91/322/EEC of 29 May 1991 on establishing indicative limit values by implementing Council Directive 80/1107/EEC on the protection of workers from the risks related to exposure to chemical, physical and biological agents at work.

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

Restrictions (Annex XVII Regulation 1907/2006)

Entry number: 57

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Issued by Compliance

Revision date 03/09/2020

Revision 21

STORMSURE
Fixes Almost Everything!

Stormoprene

Supersedes date	03/12/2019
Hazard statements in full	H225 Highly flammable liquid and vapour. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H312 Harmful in contact with skin. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H332 Harmful if inhaled. H336 May cause drowsiness or dizziness. H361f Suspected of damaging fertility. H373 May cause damage to organs through prolonged or repeated exposure. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects.
Store Between	Store Between 5'c - 25'c
Contains SVHC	NO



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