Flashpoint

Safety Data Sheet

According to Regulation (EC) No.1907/2006 (REACH) with its amendment Regulation (EU) 2020/8778.

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SECTION 1: Identification of the Substance/Mixture and of the Company/Undertaking

1.1. Product Identifier

Product Name: Flashpoint
Use: Provides a water-tight seal that bonds lead flashing to masonry.
Supplier: Premium Roofing Products, Unit B, Bingley Road, Hoddesdon, Hertfordshire, EN11 0NX
TEL: 01992 444100
Email: enquiries@leadsales.co.uk

1.2. Composition/Information on Ingredients

Substance	EC No.	CAS No.	C (%)	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific Concentration Limits
Butan-2-one O, O', O" – (methylsilylidyne)trioxime	245-366-4	22984-54-9	≥1-<10	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317	N/A
N-(3-(trimethoxysilyl)propyl)ethylenediamine	205-250-6	136-52-7	<1	Eye Irrit. 2, H319 Skin Sens. 1, H317 Repr. 2, H361 Aquatic Acute 1, H400 Aquatic Chronic 3, H412	(0.5≤C<2) Skin Irrit. 2, H315 (0.5≤C<2) Eye Irrit. 2, H319 (2≤C) Skin Corr. 1B, H314 (5≤C≤100) Skin Corr. 1A, H314

SECTION 2: Hazards Identification

2.1. Classification of Substance or Mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]: Skin sensitisation, Category 1, H317.
Physicochemical Hazards: No data available.
Human Health Hazards: May cause an allergic skin reaction.
Environmental Hazards: No data available.

2.2. Label Elements

Hazard Pictograms:



Signal Word: Warning.
Product Identifiers: N-(3-(trimethoxysilyl)propyl)ethylenediamine & Butan-2-one O, O', O" – (methylsilylidyne)trioxime
Hazard Statement: H317 May cause an allergic skin reaction.

2.2.1. Precautionary Statements

Prevention: P261 Avoid breathing vapours.
P280 Wear protective gloves, protective clothing, eye protection.

Response: P101 If medical advice is needed, have product container or label at hand.
P302 & P352 IF ON SKIN, wash with plenty of soap and water.
P333 & P313 If skin irritation or rash occurs, get medical advice/attention.
Storage: P102 Keep out of reach of children.
Disposal: No data available.
Hazardous Ingredients: No data available.
Supplemental Label Elements: No data available.
Annex XVII – Restrictions on the Manufacture, Placing on the Market and Use of Certain Dangerous Substances, Mixtures and Articles: Contains no PBT/vPvB substances ≥0.1%

2.3. Other Hazards

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0.1%.

SECTION 3: First Aid Measures

3.1. Description of First Aid Measures

IF exposed or concerned, get medical advice/attention.

First Aid Measures After Inhalation: Remove person to fresh air and keep comfortable for breathing.
First Aid Measures After Skin Contact: Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs, get medical advice/attention.
First Aid Measures After Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.
First Aid Measures After Ingestion: Call a prison centre or a doctor if you feel unwell.

3.1.1. Protection of First Aiders

No data available.

3.2. Most Important Symptoms and Effects, Both Acute and Delayed

Symptoms/Effects After Inhalation: May cause respiratory irritation.
Symptoms/Effects After Skin Contact: May cause an allergic skin reaction.
Symptoms/Effects After Eye Contact: Causes eye irritation.
Symptoms/Effects After Ingestion: May cause irritation to the digestive tract.

3.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

Antidote: No data available.
Special Treatment: Treat symptomatically.

SECTION 4: Firefighting Measures

4.1. Extinguishing Media

Suitable Extinguishing Media: Water spray, dry powder, foam, carbon dioxide.
Unsuitable Extinguishing Media: No data available.

4.2. Hazards Arising from the Substance or Mixture

Hazards from the Substance or Mixture: No data available.
Hazardous Thermal Decomposition Products: Toxic fumes may be released.

4.3. Advice for Firefighters

Special Protective Actions for Firefighters: Do not attempt to take action without suitable protective equipment.
Special Protective Equipment for Firefighters: Wear self-contained breathing apparatus and complete protective clothing to prevent contact with skin and eyes.
Additional Information: Not applicable.

SECTION 5: Accidental Release Measures

5.1. Personal Precautions, Protective Equipment and Emergency Procedures

For Non-Emergency Personnel: Only qualified personnel equipped with suitable protective equipment may intervene. Do not breathe dust/fume/gas/mist/vapours/spray.
For Emergency Responders: Do not attempt to take action without suitable protective equipment.

5.2. Environmental Precautions

Avoid release to the environment. Notify authorities if product enters sewers or public waters.

5.3. Methods and Materials for Containment and Cleaning Up

For Containment: Take up liquid spill into absorbent material.
Methods for Cleaning Up: Take up mechanically (sweeping, shovelling) and collect in suitable container for disposal. Notify authorities if product enters sewers or public waters.,
Other Information: Dispose of materials or solid residues at an authorised site.

SECTION 6: Handling and Storage

6.1. Precautions for Safe Handling

Protective Measures: Ensure good ventilation of the workstation. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Take all necessary technical measures to avoid or minimise the release of the product on the workplace. Limit quantities of product at the minimum necessary for handling and limit the number of exposed workers. Provide local exhaust or general room ventilation. Wear personal protective equipment. Floors, walls and other surfaces in the hazard area must be cleaned regularly. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes.

Hygiene Measures: Separate working clothes from town clothes. Launder separately. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before use. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

6.2. Conditions for Safe Storage, Including any Incompatibilities

Store locked up. Store in a well-ventilated place. Keep cool.

6.3. Specific End Use(s)

Building and construction work.

SECTION 7: Exposure Controls/Personal Protection

7.1. Control Parameters

Occupational Exposure Limits: No data available.
Recommended Monitoring Procedures: No data available.
Air Contaminants Formed: No data available.
Control Banding: No data available.
DNEL & PNEC: No data available.

7.2. Exposure Controls

Appropriate Engineering Controls: Ensure good ventilation of the workstation.
Thermal Hazards: No data available.
Environmental Exposure Controls: Avoid release to the environment.

7.2.1. Individual Protection Measures

Personal Protective Equipment Symbol(s):



Hygiene Measures: No data available.
Hand Protection: Protective gloves.
Body Protection: Wear suitable protective clothing.
Other Skin Protection: Not applicable.
Eye/Face Protection: Safety glasses.
Respiratory Protection: In case of insufficient ventilation, wear suitable respiratory equipment.

SECTION 8: Physical and Chemical Properties

Physical State: Liquid/paste
Colour: Grey.
Odour: Characteristic.

Odour Threshold: No data available.
pH: No data available.
Melting Point: Not applicable.
Freezing Point: No data available.
Boiling Point: No data available.
Flash Point: No data available.
Evaporation Rate: No data available.
Flammability: Not applicable.
Vapour Pressure: No data available.
Vapour Density: No data available.
Relative Density: ≈1.29
Solubility: No data available.
Particion Coefficient n-octanol/water: No data available.
Auto-Ignition Temperature: No data available.
Decomposition Temperature: No data available.
Viscosity (kinematic): No data available.
Viscosity (dynamic): No data available.
Explosive Properties: No data available.
Oxidising Properties: No data available.
Explosive Limits: No data available.
Other Information: No data available.

SECTION 9: Stability and Reactivity

Reactivity: The product is on-reactive under normal conditions of use, storage and transport.
Chemical Stability: Stable under normal conditions.
Possibility of Hazardous Reactions: No dangerous reactions known under normal conditions of use.
Conditions to Avoid: Not applicable.
Incompatible Materials: No data available.
Hazardous Decomposition Products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 10: Toxicological Information

10.1. Information on Toxicological Effects

Acute Toxicity:

N-(3-(trimethoxysilyl)propyl)ethylenediamine (1760-24-3)	LD50 oral rat	2400mg/kg
	LD50 dermal rat	>200mg/kg
	LC50 dermal rabbit	>2000mg/kg bodyweight animal: rabbit, Guideline: EPA OPPTS 870.1200 (Acute Dermal Toxicity).
	LC50 inhalation rat	1.49-2.44mg/l air animal: rat, Guideline: EPA OPPTS 870.1300 (Acute inhalation toxicity), Guideline: OECD Guideline 403 (Acute Inhalation Toxicity).
Butan-2-one O, O', O" – (methylsilylidyne)trioxime (22984-54-9)	LD50 dermal rat	>2000mg/kg bodyweight animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity).

N-(3-(trimethoxysilyl)propyl)ethylenediamine (1760-24-3)	NOAEL (oral, rat, 90 days)	≥500mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 422 (combines Repeated Dose Toxicity Study with Reproduction / Developmental Toxicity Screening Test).
	NOAEL (dermal, rat/rabbit, 90 days)	≥1545mg/kg bodyweight Animal: rat
	Viscosity, Kinematic	3.1mm²/s Temp: 20°C Parameter: 'Kinematic viscosity (in mm²/s).

Skin Irritation/Corrosion: No data available.
Serious Eye Damage/Irritation: No data available.
Respiratory or Skin Sensitisation: May cause an allergic skin reaction.
Germ Cell Mutagenicity: No data available.
Carcinogenicity: No data available.
Reproductive Toxicity: No data available.
Teratogenicity: No data available.
Specific Target Organ Toxicity (single exposure): No data available.
Specific Target Organ Toxicity (repeated exposure): No data available.
Aspiration Hazard: No data available.

10.2. Information on the Likely Routes of Exposure

No data available.

10.3. Potential Acute Health Effects

Eye Contact: No data available.
Inhalation: No data available.
Skin Contact: No data available.
Ingestion: No data available.

10.4. Symptoms Related to the Physical, Chemical and Toxicological Characteristics

Eye Contact: No data available.
Inhalation: No data available.
Skin Contact: No data available.
Ingestion: No data available.

10.5. Potential Delayed, Immediate and Chronic Effects from Short- and Long-Term Exposure

10.5.1. Short Term Exposure

Immediate Effects: No data available.
Delayed Effects: No data available.

10.5.2. Long Term Exposure

Immediate Effects: No data available.
Delayed Effects: No data available.

10.5.3. Potential Chronic Health Effects

No data available.

10.6. Conclusion/Summary

No data available.

SECTION 11: Ecological Information

Toxicity: The product is not considered harmful to aquatic organisms not to cause long-term adverse effects in the environment.

N-(3-(trimethoxysilyl)propyl)ethylenediamine (1760-24-3)	LC50 – Fish [1]	597mg/l Test organisms (species): Dani rerio (previous name: Brachy danio rerio).
	EC50- Crustacea [1]	81mg/l Test organisms (species): Daphnia magna.
Butan-2-one O, O', O" – (methylsilylidyne)trioxime (22984-54-9)	EC50 – Crustacea [1]	201mg/l Test organisms (species): Daphnia magna.
	EC50 – Other aquatic organisms [1]	231.84mg/l Test organisms (species).

Persistence and Degradability: Not rapidly degradable.
Bio accumulative Potential: No data available.
Mobility in Soil: No data available.
Results of PBT and vPvB Assessment: No data available.
Other Adverse Effects: No data available.

SECTION 12: Disposal Considerations

12.1. Waste Treatment Methods

12.1.1. Product

Methods of Disposal: Dispose of contents in accordance with licensed collector's sorting instructions.
Hazardous Waste: No data available.

12.1.2. Packaging

Methods of Disposal: Dispose of container in accordance with licensed collector's sorting instructions.
Special Precautions: No data available.

SECTION 13: Transport Information

13.1. Transport Information

Not regulated.

13.2. Special Precautions for User

Overland Transport: Not regulated.
Transport by Sea: Not regulated.
Air Transport: Not regulated.

Inland Waterway Transport: Not regulated.
Rail Transport: Not regulated.

13.3. Transport in Bulk according to Annex II of MARPOL and the IBC Code

Not applicable.

SECTION 14: Regulatory Information

14.1. Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

14.1.1. Regulations

REACH Annex XVII (Restriction List): Contains no REACH substances with Annex XVII restrictions.
REACH Annex XIV (Authorisation List): Contains no REACH Annex XIV substances.
REACH Candidate List (SVHC): Contains no substance on the REACH candidate list.
PIC Regulation (Prior Informed Consent): Contains no substance subject to Regulation (EU) No. 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.
POP Regulation (Persistent Organic Pollutants): Contains no substance subject to Regulation (EU) No. 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants.
Ozone Regulation (1005/2009): Contains no substance subject to REGULATION (EU) No. 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009 on substances that deplete the ozone layer.
Explosives Precursors Regulation (2019/1148): Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.
Drug Precursors Regulation (273/2004): Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on drug precursors).

14.1.2. Container Information

No data available.

14.1.3. Provisions

No data available.

14.2. Chemical Safety Assessment

No data available.

SECTION 15: Other Information

This information is based on the supplier's current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

15.1. Abbreviations and Acronyms

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

ATE: Acute Toxicity Estimate.
BCF: Bioconcentration factor.
BLV: Biological limit value.
BOD: Biochemical oxygen demand.
COD: Chemical oxygen demand.
DMEL: Derived Minimal Effect Level.
DNEL: Derived-No Effect Level.
EC-No.: European Community number.
EC50: Median effective concentration.
EN: European Standard.
IARC: International Agency for Research on Cancer.
IATA: International Air Transport Association.
IMDG: International Maritime Dangerous Goods.
LC50: Median lethal concentration.
LD50: Median lethal dose.
LOAEL: Lowest Observed Adverse Effect Level.
NOAEC: No-Observed Adverse Effect Concentration.
NOAEL: No-Observed Adverse Effect Level.
NOEC: No-Observed Effect Concentration.
OECD: Organisation for Economic Co-operation and Development.
OEL: Occupational Exposure Limit.
PBT: Persistent Bio accumulative Toxic
PNEC: Predicted No-Effect Concentration.
RID: Regulations Concerning the International Carriage of Dangerous Goods by Rail.
SDS: Safety Data Sheet.
STP: Sewage treatment plant.
ThOD: Theoretical oxygen demand.
TLM: Median Tolerance Limit.
VOC: Volatile Organic Compounds.
CAS-No.: Chemical Abstract Service number.
N.O.S.: Not Otherwise Specified.
vPvB: Very Persistent and Very Bio accumulative.
ED: Endocrine disrupting properties

15.2. Full text of H and EUH Statements

Acute Tox. 4 (Inhalation): Acute Toxicity (inhal.), Category 4.
Aquatic Chronic 2: Hazardous to the aquatic environment – chronic hazard, Category 2.
Eye Dam. 1: Serious eye damage/eye irritation, Category 1.
Eye Irrit. 2: Serious eye damage/irritation, Category 2.
H314: Causes severe skin burns and eye damage.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H318: Causes serious eye damage.
H319: Causes serious eye irritation.
H332: Harmful if inhaled.
H411: Taoxic to aquatic life with long lasting effects.
Skin Corr. 1A: Skin corrosion/irritation, Category 1, Sub-Category 1A.
Skin Corr. 1B: Skin corrosion/irritation, Category 1, Sub-Category 1B.
Skin Irrit. 2: Skin corrosion/irritation, Category 2.
Skin Sens. 1: Skin sensitisation, Category 1.