

# SAFETY DATA SHEET

## X-Protect

This Safety Data Sheet contains information concerning the potential risks to those involved in handling, transporting and working with the material, as well as describing potential risks to the consumer and the environment. This information must be made available to those who may come into contact with the material or are responsible for the use of the material. This Safety Data Sheet is prepared in accordance with formatting described in the REACH Regulation (EC) No 1907/2006, and the UK REACH Regulations SI 2019/758.

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

- 1.1 Product identifier**  
**Product Name:** X-Protect
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**  
Building and construction work.  
No uses advised against. Use only as instructed.
- 1.3 Details of the supplier of the safety data sheet**  
**Vuba Building Products Limited**  
Units B2, B3 and B4 Grovehill Industrial Estate,  
Beverley, HU17 0LF.  
  
Tel: 01482 778897  
E mail: sales@vubaresin.com  
**Web:** www.vubaresinproducts.com
- 1.4 Emergency telephone number**  
  
**In case of emergency Tel. 01482 778897 (08:00-17:30 Mon-Fri)**

### SECTION 2: Hazards Identification

- 2.1 Classification of the substance or mixture**  
  
Classification according to the CLP Regulation (EC) No 1272/2008 and the retained CLP Regulation (EU) No 1272/2008, as amended for Great Britain:  
  
Flam Liq 2 H225 Highly flammable liquid and vapour  
Eye Irrit 2 H319 Causes serious eye irritation  
STOT SE3 H336 May cause drowsiness or dizziness

**2.2 Label elements**



**Signal word**  
DANGER

H225 Highly flammable liquid and vapour  
H319 Causes serious eye irritation  
H336 May cause drowsiness or dizziness

P210 Keep away from heat, sparks, open flames, hot surfaces. No smoking

P261 Avoid breathing vapours.  
 P280 Wear protective gloves/eye 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  
 P403+P233 Store in a well-ventilated place. Keep container tightly closed  
 Supplemental hazard information EUH066 Repeated exposure may cause skin dryness or cracking.

### 2.3 Other hazards

EUH066 Repeated exposure may cause skin dryness or cracking  
 Read instructions carefully before use  
 Contains no components known to be PBT, PMT or vPvB or to have endocrine disrupting properties.

## SECTION 3: Composition

### 3.1 Substances

Not applicable, product is a mixture.

### 3.2 Mixtures

Name	EC CAS Index no	% w/w In mixture	Classification	ATE M Factor
Acetone	200-662-2 67-64-1 606-001-00-8	25 - 40%	Flam Liq 2 H225 Eye Irrit 2, H319 STOT SE3 H336	
Methyl Acetate	201-185-2 79-20-9 607-021-00-X	10 – 25%	Flam Liq 2 H225 Eye Irrit 2, H319 STOT SE3 H336	
Isopropanol	200-661-7 67-63-0 603-117-00-0	2.5 – 10%	Flam Liq 2 H225 Eye Irrit 2, H319 STOT SE3 H336	

See section 16 for full list of H statements

## SECTION 4: First Aid Measures

### 4.1 Description of first aid measures

EYE CONTACT: Flush thoroughly with water, including under eyelids for several minutes. Obtain medical attention if continued signs of discomfort.  
 INHALATION: Remove from exposure and rest. If breathing becomes difficult get immediate medical attention.  
 SKIN CONTACT: Wash off with water. Seek medical attention if irritation or rash occurs.  
 INGESTION: If swallowed, rinse mouth with water. Obtain medical attention if discomfort.

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

Intoxication with dizziness and nausea if inhaled  
 May cause irritation and damage to eyes and skin. May cause drying of skin.  
 Inhalation may aggravate pre-existing breathing conditions

### 4.3 Indication of any immediate medical attention and special treatments needed

Symptomatic treatment as required. Rest.

## SECTION 5: Firefighting Measures

### 5.1 Extinguishing media

Suitable extinguishing media: Water spray, foam, powders, carbon dioxide  
 Unsuitable extinguishing media: Water jet

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

Containers involved in a fire may become pressurised and burst.  
Highly flammable liquid and vapour.  
Prevent fire-fighting water from entering drains and watercourses.

**5.3 Advice for fire fighters**

Fire fighters should wear protective clothing and positive pressure self-contained breathing apparatus as appropriate.

---

**SECTION 6: Accidental Release Measures**

---

**6.1 Personal precautions, protective equipment and emergency procedures**

Evacuate unnecessary personnel. Ensure adequate ventilation. Do not breathe mists or vapours, use respiratory protection if ventilation is inadequate. Use eye protection (goggles recommended) and gloves (see section 8).

**6.2 Environmental precautions**

Prevent entry into sewers and watercourses.

**6.3 Methods and materials for containment and clearing up**

Absorb liquid onto sand, earth or other suitable absorbent material. Collect into a suitable labelled container for disposal. Wash spill area thoroughly with water and detergent to remove residues. Prevent washings from entering water courses.

**6.4 References to other sections**

See section 8 and 13 for further advice.

---

**SECTION 7: Handling and Storage**

---

**7.1 Precautions for safe handling**

Keep away from sources of ignition - No smoking.  
Take precautionary measures against static discharge  
Ensure adequate ventilation with at least 3 air changes per hour. Do not breathe vapours or mists. Avoid contact with eyes and skin. Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. Use emollient barrier cream in case of repeated contact.

**7.2 Conditions for safe storage, including any incompatibilities**

Store in its original labelled container in a cool, dry, well-ventilated area suitable for flammable liquids. Do not allow vapour build up by ensuring storage area is well ventilated. Store in spark-proof areas. Only use containers suitable for flammable liquids.

**7.3 Specific end uses(s)**

No special precautions. Use only as directed in accordance with the label.

---

**SECTION 8. Exposure Controls/Personal Protection**

---

**8.1 Control parameters**

ACETONE:

TWA 8 hours 500 ppm (vapour), STEL 1 210 mg/m<sup>3</sup>

DNEL Worker, system long-term inhalation 1 210 mg/m<sup>3</sup>

DNEL Worker, system long-term dermal 186 mg/kg

Further DNELs and PNECs have been derived, but will not be exceeded during normal use.

**8.2 Exposure controls**

**Engineering controls:** None usually required for handling outside at < 1 litre

Indoors, ensure adequate ventilation, especially in confined areas with at least 5 air changes per hour.

**Respiratory protection:** None usually required unless ventilation rate is not possible to achieve. In case of insufficient ventilation: respirator with a vapour filter (EN 141). recommended Filter Type A-P2

**Hand Protection:** In case of contact, wear gloves. Butyl (butyl rubber) (breakthrough time > 480 min), Glove manufacturers recommendations should always be consulted. Gloves suitable for acetone.

**Eye protection:** Safety glasses with side protection

**Skin protection:** Coveralls.

**Environmental Exposure Controls:** Prevent entry into drains and watercourses.

## SECTION 9: Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties

a) <b>Physical state:</b>	Liquid
b) <b>Colour:</b>	Colourless
c) <b>Odour:</b>	Characteristic acetone / methyl acetate
d) <b>Melting point:</b>	Liquid to below - 20 °C
e) <b>Boiling point:</b>	Mixture boiling ca 60°C
f) <b>Flammability:</b>	Highly flammable. Will support combustion
g) <b>Upper/lower flammability limits:</b>	2.6 vol% (LEL) – 12.8 vol% (UEL) based on acetone
h) <b>Flashpoint:</b>	- 17°C acetone
i) <b>Autoignition temperature:</b>	> 200 °C
j) <b>Decomposition temperature:</b>	No data available
k) <b>pH:</b>	Not applicable
l) <b>Viscosity, dynamic:</b>	Not measured.
m) <b>Solubility:</b>	Soluble in polar and organic solvents Soluble in water
n) <b>Partition coefficient (log K<sub>ow</sub>):</b>	No components classified accumulative
o) <b>Vapour pressure:</b>	240 hPa at 20 °C acetone
p) <b>Density and/or relative density:</b>	Approximately 0.8 at 20°C
q) <b>Relative vapour density:</b>	Approximately 2 (air = 1), based on acetone
r) <b>Particle characteristics</b>	Not applicable, product is a liquid

### 9.2 Other information

No further hazardous physical properties

## SECTION 10: Stability and Reactivity

### 10.1 Reactivity

No reactive hazards known

### 10.2 Chemical stability

Stable under normal conditions.

### 10.3 Possibility of hazardous reactions

None.

### 10.4 Conditions to avoid

Avoid exposure to high temperatures.

### 10.5 Incompatible materials

Avoid contact with strong oxidisers, acids and bases.

**10.6 Hazardous decomposition products**

None under normal conditions of use. On combustion or thermal decomposition: Carbon monoxide (CO), Carbon dioxide (CO<sub>2</sub>),

**SECTION 11: Toxicological Information****11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008 as amended**

This product has not been tested. Judgements on the expected toxicity of this product have been made based upon consideration of its major components.

<b>(a) acute toxicity</b>	Based on available data, the classification criteria are not met. LD50 (oral, rat) estimated > 2000 mg/kg LD50 (dermal, rat) estimated > 2000 mg/kg Inhalation of vapour may cause dizziness and solvent intoxication
<b>(b) skin corrosion/irritation</b>	Based on available data for the components, considered irritating to skin. Repeated contact may cause drying of skin.
<b>(c) serious eye damage/irritation</b>	Based on the components, the mixture is likely to cause serious eye irritation
<b>(d) respiratory/skin sensitisation</b>	Based on ingredients, the classification criteria are not met
<b>(e) germ cell mutagenicity</b>	Based on ingredients, the classification criteria are not met.
<b>(f) carcinogenicity</b>	Based on ingredients, the classification criteria are not met.
<b>(g) reproductive toxicity</b>	Based on ingredients, the classification criteria are not met.
<b>(h) STOT-single exposure</b>	Based on ingredients, the classification criteria are not met
<b>(i) STOT-repeated exposure</b>	Based on ingredients, the classification criteria are not met
<b>(j) aspiration hazard</b>	Not applicable.

**11.2 Information on other hazards**

No additional information.

**SECTION 12: Ecological Information****12.1 Toxicity**

None of the ingredients are classified as acutely toxic to the environment

Based on ingredients, estimated toxicity of mixture:

Alga, Growth Inhibition EC<sub>50</sub> 72 hr estimated >100 mg/l

Daphnia, Acute Immobilisation EC<sub>50</sub> 48 hr estimated > 100 mg/l

Fish, Acute Toxicity, LC<sub>50</sub> 96 hr estimated > 100 mg/l

Not considered hazardous to the environment.

**12.2 Persistence and degradability**

Components considered rapidly biodegradable and not persistent

**12.3 Bioaccumulative potential**

None of the components considered potentially accumulative

**12.4 Mobility in soil**

Components likely to be mobile in soil

**12.5 Results of PBT and vPvB assessment**

None of the components are known to be PBT, PMT, vPvM or vPvB.

**12.6 Endocrine disrupting properties**

None of the components are known to have endocrine disrupting properties.

**12.7 Other adverse effects**

None known.

**SECTION 13: Disposal Considerations****13.1 Waste treatment methods**

Recover and recycle unused product if possible. If recovery and recycling are not possible incinerate or dispose of in accordance with local and national regulations.

Collect the waste separately. Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point. Handle contaminated packages in the same way as the substance itself.

**SECTION 14: Transport Information**

Considered flammable liquid

	ADR	IMDG	ICAO
<b>14.1 UN Number</b>	UN 1139	UN 1139	UN 1139
<b>14.2 UN Proper shipping name</b>	1139 COATING SOLUTION		
<b>14.3 Transport hazard class(es)</b>	3	3	3
<b>14.4 Packing group</b>	II	II	II
<b>14.5 Environmental hazards</b>	No	No	No
<b>14.6 Special precautions for user</b>	NONE	NONE	NONE
<b>14.7 Maritime transport in bulk according to IMO instruments</b>	Not Applicable	Not Applicable	Not Applicable

**SECTION 15: Regulatory Information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

All components are listed as existing substances in Europe and UK

**15.2 Chemical Safety Assessment**

A Chemical Safety Assessment has not been carried out for this product.

Contains no substances of very high concern (SVHC) which are included in the Candidate List (EU/UK)

**SECTION 16: Other Information****Revision information:**

New SDS

**List of key Abbreviations used in this SDS:**

CAS Chemical Abstracts Service

CLP Classification, Labelling and Packaging Regulation (EC) no 1272/2008

EC European Community/Commission

PBT Persistent, Bioaccumulative and Toxic

PMT Persistent, Mobile, Toxic

REACH Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) no 1907/2006

vPvB very Persistent, very Bioaccumulative

vPvM very Persistent, very Toxic

**References:**

Source: European Chemicals Agency, <http://echa.europa.eu/> February 2025

**Method used for classification of mixtures:**

Ingredient based approach

**H Statements used in Section 3**

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness

H412 Harmful to aquatic life with long lasting effects.

**Training requirements for workers**

No special training requirements