

**MATERIAL: TECHSIL AP-135**

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**

<b>1.1</b>	<b>Product Name:</b>	Techsil AP-135
<b>1.2</b>	<b>Product Use:</b>	Primer
<b>1.3</b>	<b>Supplier:</b>	Techsil Ltd 34 Bidavon Industrial Estate Waterloo Road Bidford on Avon Warwickshire B50 4JN Tel: +44(0)1789 773232 Fax: +44(0)1789 774239 Email: <a href="mailto:sales@techsil.co.uk">sales@techsil.co.uk</a>
<b>1.4</b>	<b>Emergency Telephone:</b>	+44(0)7971 228794

**SECTION 2: HAZARDS IDENTIFICATION**

**2.1 Classification of the Substance or Mixture:**

**Classification under CLP:**

Classification under CLP: Aquatic Chronic 3: H412; Eye Irrit. 2: H319; Flam. Liq. 2: H225; Skin Sens. 1: H317; STOT SE 3: H336

Classification under CHIP: F: R11; Xi: R36; Sens.: R43; -: R52/53; -: R67

**Most important adverse effects.**

Highly flammable liquid and vapour. May cause an allergic skin reaction. Causes serious eye irritation. May cause drowsiness or dizziness. Harmful to aquatic life with long lasting effects.

**2.2 Label Elements:**

**Hazard statements:**

H225: Highly flammable liquid and vapour.  
H317: May cause an allergic skin reaction.  
H319: Causes serious eye irritation.  
H336: May cause drowsiness or dizziness.  
H412: Harmful to aquatic life with long lasting effects.

**Signal words:**

Danger

**Hazard pictograms:**

GHS02: Flame  
GHS07: Exclamation mark



**Contact Details**

**Precautionary statements:**

P280: Wear protective gloves/protective clothing/eye protection.  
P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P370+378: In case of fire: Use alcohol resistant foam, carbon dioxide, dry powder or water fog to extinguish.

**2.3 Other Hazards:**

PBT: This product is not identified as a PBT/vPvB substance.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

**3.1 Substances:**

**3.2 Mixtures:**

**Hazardous ingredients:**

PROPAN-2-OL

EINECS	CAS	CHIP Classification	CLP Classification	Percent
200-661-7	67-63-0	-	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336	>90%

MERCAPTOPROPYLTRIMETHOXYSILANE

224-585-5	4420-74-0	-	Acute Tox. 4: H312; Aquatic Chronic 2: H411; Acute Tox. 4: H302	1-10%
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**SECTION 4: FIRST AID MEASURES**

**4.1 Description of First Aid Measures:**

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion: Wash out mouth with water. Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

**4.2 Most Important Symptoms and Effects, both Acute and Delayed:**

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

**Contact Details**

#### **4.3 Indication of any Immediate Medical Attention and Special Treatment Needed:**

Immediate / special treatment: Eye bathing equipment should be available on the premises.

### **SECTION 5: FIREFIGHTING MEASURES**

#### **5.1 Extinguishing Media:**

Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

#### **5.2 Special Hazards Arising from the Substance or Mixture:**

Exposure hazards: In combustion emits toxic fumes.

#### **5.3 Advice for Firefighters:**

Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

#### **6.1 Personal Precautions, Protective Equipment and Emergency Procedures:**

Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

#### **6.2 Environmental Precautions:**

Do not discharge into drains or rivers. Contain the spillage using bunding.

#### **6.3 Methods and Material for Containment and Cleaning-Up:**

Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

#### **6.4 Reference to Other Sections:**

Refer to section 8 of the SDS

### **SECTION 7: HANDLING AND STORAGE**

#### **7.1 Precautions for Safe Handling:**

Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air.

#### **7.2 Conditions for Safe Storage, Including and Incompatibilities:**

Store in a cool, well ventilated area. Keep container tightly closed. The floor of the storage room must be impermeable to prevent the escape of liquids.

#### **7.3 Specific End Use(s):**

No data available.

### **Contact Details**

## **SECTION 8: HANDLING AND STORAGE**

### **8.1 Control Parameters:**

Hazardous ingredients:

PROPAN-2-OL

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	999 mg/m <sup>3</sup>	1250 mg/m <sup>3</sup>	-	-

### **8.2 Exposure Controls:**

Engineering measures: Ensure there is sufficient ventilation of the area. The floor of the storage room must be impermeable to prevent the escape of liquids.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Protective gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

## **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

### **9.1 Information on Basic Physical and Chemical Properties:**

State: Liquid

Colour: Colourless

Odour: Characteristic odour

Evaporation rate: Moderate

Oxidising: Oxidising (by EC criteria)

Solubility in water: Reacts with water.

Also soluble in: Most organic solvents.

Viscosity: Non-viscous

Boiling point/range °C: 85

Melting point/range °C: -90

Flash point °C: 11

Relative density: 0.9

pH: 7

### **9.2 Other Information:**

Not applicable

## **SECTION 10: STABILITY AND REACTIVITY**

### **10.1 Reactivity:**

Stable under recommended transport or storage conditions.

### **10.2 Chemical Stability:**

Stable under normal conditions.

## **Contact Details**

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### 10.3 Possibility of Hazardous Reactions:

Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

### 10.4 Conditions to Avoid:

Heat

### 10.5 Incompatible Materials:

Strong oxidising agents. Strong acids.

### 10.6 Hazardous Decomposition Products:

In combustion emits toxic fumes.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on Toxicological Effects:

Relevant effects for mixture:

Effect	Route	Basis
Irritation	OPT	Hazardous: calculated
Sensitisation	DRM	Hazardous: calculated

Symptoms/Routes of exposure:

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

Delayed/Immediate effects:

Immediate effects can be expected after short-term exposure.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1 Toxicity:

Ecotoxicity values: Not applicable

### 12.2 Persistence and Degradability:

Not biodegradable

### 12.3 Bioaccumulative Potential:

Bioaccumulation potential

### 12.4 Mobility in Soil:

Readily absorbed into soil

## Contact Details

**12.5 Results of PBT and vPvB Assessment:**

PBT identification: This product is not identified as a PBT/vPvB substance.

**12.6 Other Adverse Effects:**

Toxic to aquatic organisms. Toxic to soil organisms.

**SECTION 13: DISPOSAL CONSIDERATIONS**

**13.1 Waste Treatment Methods:**

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Waste code number: 08-04-09

Disposal of packaging: Dispose of as normal industrial waste.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**SECTION 14: TRANSPORT INFORMATION**

**14.1 UN Number:**

UN1993

**14.2 UN Proper Shipping Name:**

FLAMMABLE LIQUID, N.O.S.  
(PROPAN-2-OL)

**14.3 Transport Hazard Class(es):**

3 (9)

**14.4 Packing Group:**

II

**14.5 Environmental Hazards:**

Environmentally hazardous: Yes Marine pollutant: No

**14.6 Special Precautions for User:**

Special precautions: No special precautions.

Tunnel code: D/E

Transport category: 2

**14.7 Transport in Bulk According to Annex II of MARPOL73/78 and the IBC Code:**

**Contact Details**

**SECTION 15: REGULATORY INFORMATION**

**15.1 Safety, Health & Environmental Regulations/Legislation Specific for the Substance or Mixture:**

**15.2 Chemical Safety Assessment:**

A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

**SECTION 16: OTHER INFORMATION**

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

\* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3:

H225: Highly flammable liquid and vapour.

H302: Harmful if swallowed.

H312: Harmful in contact with skin.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

H411: Toxic to aquatic life with long lasting effects.

H412: Harmful to aquatic life with long lasting effects.

R11: Highly flammable.

R36: Irritating to eyes.

R43: May cause sensitisation by skin contact.

R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R67: Vapours may cause drowsiness and dizziness.

**DISCLAIMER**

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy themselves as to the suitability of such information for their particular use.

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