

MATERIAL: TECHSIL[®] CYAN PRIMER 77

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

1.1	Product Name:	TECHSIL [®] Cyan Primer 77
1.2	Product Use:	Primer
1.3	Supplier:	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: sales@techsil.co.uk
1.4	Emergency Telephone:	+44(0)7971 228794

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the Substance or Mixture:

Classification under CHIP:	F: R11; Xi: R36;-:R67
Classification under CLP:	Eye Irrit.2: H319; STOT SE 3: H336
Most important adverse effects:	Highly flammable. Irritating to eyes. Vapours may cause drowsiness and dizziness

2.2 Label Elements:

Label elements Under CLP:

Hazard Pictograms: GHS07: Exclamation mark



Signal Words: Warning

Hazard statements:

H319:	Causes serious eye irritation
H336:	May cause drowsiness or dizziness

Precautionary statements: -

P261:	Avoid breathing dust/fumes/gas/mist/vapours/spray.
P271:	Use only outdoors or in a well-ventilated area.
P280:	Wear protective gloves/protective clothing/eye protection/face protection.
P304+340	IF INHALED: Remove victim to fresh air and keep at rest in a position 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
P312:	Call a POISON CENTER or doctor if you feel unwell.

Label elements Under CHIP:

Hazard Pictograms: Irritant.



Risk phrases:

R11:	Highly flammable
R36:	Irritating to eyes.
R67:	Vapours may cause drowsiness and dizziness.

Contact Details

2.3 Other Hazards:

In use, may form flammable/explosive vapour-air mixture.
This product is not identified as a PBT/vPvB substance.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances:

Identification	Percent %	CHIP Classification	Classification 1272/2008 (CLP).
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Hazardous ingredients:

PROPAN-2-OL

CAS.	67-63-0	>90	F: R11; Xi: R36; -: R67	Flam Liq. 2: H225; Eye Irrit.2: H319; STOT SE 3: H336
EC.	200-661-7			

3.2 Mixtures:

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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.

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

Eye bathing equipment should be available on the premises.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing Media:

Alcohol resistant foam. Water spray. Carbon dioxide. Dry chemical powder. Use water spray to cool containers.

5.2 Special Hazards Arising from the Substance or Mixture:

Highly flammable. In combustion emits toxic fumes. Forms explosive air-vapour mixture. Vapour may travel considerable distance to source of ignition and flash back.

5.3 Advice for Fire-fighters:

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.

Contact Details

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 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. Smoking is forbidden. Use non-sparking tools.

7.2 Conditions for Safe Storage, Including and Incompatibilities:

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition. Prevent the build-up of electrostatic charge in the immediate area. Ensure lighting and electrical equipment are not a source of ignition.

Suitable packaging: Polyethylene.

7.3 Specific End Use(s):

No data available.

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 ³	1250 mg/m ³	-	-

DNEL/PNEC
No data available

8.2 Exposure Controls:

Engineering measures: Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.

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: Alcoholic
 Evaporation rate: Fast
 Oxidising: No data available
 Solubility in water: Highly soluble
 Also soluble in: Most organic solvents
 Viscosity: None-Viscous
 Boiling Point/range °C: 82.6
 Flammability limits %:
 Lower: No data available
 Upper: No data available
 Flash point °C: 11.7
 Autoflammability °C: No data available
 Relative density: ~0.85
 VOC g/l: No data available

Melting point/range °C: No data available
 Part.coeff.n-octanol/water: No data available
 Vapour pressure: No data available
 pH: Not applicable

9.2 Other Information:

Information not available

Contact Details

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:

Stable under recommended transport or storage conditions.

10.2 Chemical Stability:

Stable under normal conditions. Stable at room temperature.

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. Hot surfaces. Sources of ignition. Flames

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:

Toxicity values:

Route	Species	Test	Value	Units
Hazardous ingredients: PROPAN-2-OL				
IVN	RAT	LD50	1088	mg/kg
ORL	MUS	LD50	3600	mg/kg
ORL	RAT	LD50	5045	mg/kg
SCU	MUS	LDLO	5	gm/kg

Relevant effects for mixture:

Effect	Route	Basis
Irritation	OPT	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:

No data available.

12.2 Persistence and Degradability:

Biodegradable.

12.3 Bioaccumulative Potential:

No bioaccumulation potential.

12.4 Mobility in Soil:

Readily absorbed into soil.

12.5 Results of PBT and vPvB Assessment:

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

12.6 Other Adverse Effects:

Negligible ecotoxicity.

Contact Details

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods:

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

UN1219

14.2 UN Proper Shipping Name:

ISOPROPANOL (ISOPROPYL ALCOHOL)

14.3 Transport Hazard Class(es):

3

14.4 Packing Group:

II

14.5 Environmental Hazards:

Environmentally hazardous: No 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:

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SECTION 15: REGULATORY INFORMATION

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

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15.2 Chemical Safety Assessment:

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SECTION 16: OTHER INFORMATION

Phrases used in s.2 and s.3:

H225: Highly flammable liquid and vapour
H319: Causes serious eye irritation.
H336: May cause drowsiness or dizziness.
R11: Highly flammable.
R36: Irritating to eyes.
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.

Contact Details

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