

MATERIAL: TECHSIL® CA PLAS/RUBB 20cPs

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

- 1.1 Product Name:** Techsil® CA Plas/Rubb 20cPs
1.2 Product Use: Cyanoacrylate Adhesive/Sealants
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: Xi: R36/37/38
Classification under CLP: STOT SE 3: H335; Eye Irrit. 2: H319; Skin Irrit. 2: H315; -: EUH202
Most important adverse effects: Irritating to eyes, respiratory system and skin

2.2 Label Elements:

Label elements under CLP:
Hazard statements: H315: Causes skin irritation.
H319: Causes serious eye irritation.
H335: May cause respiratory irritation.
EUH202: Cyanoacrylate. Danger. Bonds skin and eyes in seconds.
Keep out of the reach of children.
Signal words: Warning
Hazard pictograms: GHS07: Exclamation mark



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 symbols: Irritant



Risk phrases: R36/37/38: Irritating to eyes, respiratory system and skin

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Safety phrases: S2: Keep out of the reach of children.
S46: If swallowed, seek medical advice immediately and show this container or label.

Precautionary phrases: Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children

2.3 Other Hazards:

This product is not identified as a PBT/vPvB substance

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances:

-

3.2 Mixtures:

Hazardous ingredients:

ETHYL-2-CYANOACRYLATE

EINECS	CAS	CHIP Classification	CLP Classification	Percent
230-391-5	7085-85-0	Xi: R36/37/38	Eye Irrit. 2: H319; STOT SE 3: H335; Skin Irrit. 2: H315	>90%

Non-classified ingredients:

HYDROQUINONE

EINECS	CAS	CHIP Classification	CLP Classification	Percent
204-617-8	123-31-9	Xn: R40; Xn: R68; Xn: R22; Xi: R41; Sens.: R43; N: R50	Carc. 2: H351; Muta. 2: H341; Acute Tox. 4: H302; Eye Dam. 1: H318; Skin Sens. 1: H317; Aquatic Acute 1: H400	<1%

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:

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:

In combustion emits toxic fumes

5.3 Advice for Fire-fighters:

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

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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 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:

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed.

Suitable packaging: Polyethylene.

7.3 Specific End Use(s):

No data available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters:

Hazardous ingredients:
ETHYL-2-CYANOACRYLATE

State	Workplace exposure limits:		Respirable dust	
	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	-	1.5 mg/m ³	-	-

DNEL/PNEC Values

Type	Exposure	Value	Population	Effect
DNEL	Inhalation	9.25 mg/m ³	Workers	Local
DNEL	Inhalation	9.25 mg/m ³	Workers	Systemic
DNEL	Inhalation	9.25 mg/m ³	General Population	Local
DNEL	Inhalation	9.25 mg/m ³	General Population	Local

8.2 Exposure Controls:

Engineering measures: Ensure there is sufficient ventilation of the area.
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.

Contact Details

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on Basic Physical and Chemical Properties:

State:	Liquid		
Colour:	Colourless		
Odour:	Characteristic odour		
Evaporation rate:	No data available.		
Oxidising:	No data available.		
Solubility in water:	Reacts with water		
Also soluble in:	Acetone.		
Viscosity:	Viscous		
Kinematic viscosity:	10-30		
Viscosity test method:	Cone and Plate @ 25°C (CPs)		
Boiling point/range °C:	>149	Melting point/range °C:	No data available
Flammability limits %:		upper:	No data available
lower:	No data available.		
Flash point°C:	80-93.4	Part.coeff. n-octanol/water:	No data available
Autoflammability °C:	450	Vapour pressure:	<700 mbar
Relative density:	1.05	pH:	Not applicable.
VOC g/l:	<20		

9.2 Other Information:

No data available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:

Stable under recommended transport or storage conditions

10.2 Chemical Stability:

Stable under normal conditions.

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:

Moist air. Heat.

10.5 Incompatible Materials:

Water. 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
DERMAL	RBT	LD50	>2000	mg/kg
ORAL	RAT	LD50	>5000	mg/kg

Hazardous ingredients:

ETHYL-2-CYANOACRYLATE

Route	Species	Test	Value	Units
ORAL	RAT	LD50	>5	mg/kg

Relevant effects for mixture:

Effect	Route	Basis
Irritation	OPT. INH. DRM	Hazardous: calculated

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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

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 |
| 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:**
UN3334
- 14.2 UN Proper Shipping Name:**
AVIATION REGULATED LIQUID, N.O.S.
(ETHYL-2-CYANOACRYLATE)
- 14.3 Transport Hazard Class(es):**
9
- 14.4 Packing Group:**
III
- 14.5 Environmental Hazards:**
- | | |
|-----------------------|----|
| Environmental hazards | No |
| Marine pollutant | No |
- 14.6 Special precautions for user**
No special precautions.

SECTION 15: REGULATORY INFORMATION

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

Contact Details

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: EUH202: Cyanoacrylate. Danger. Bonds skin and eyes in seconds.
Keep out of the reach of children.
H302: Harmful if swallowed.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H318: Causes serious eye damage.
H319: Causes serious eye irritation.
H335: May cause respiratory irritation.
H341: Suspected of causing genetic defects.
H351: Suspected of causing cancer.
H400: Very toxic to aquatic life.
R22: Harmful if swallowed.
R36/37/38: Irritating to eyes, respiratory system and skin.
R40: Limited evidence of a carcinogenic effect.
R41: Risk of serious damage to eyes.
R43: May cause sensitisation by skin contact.
R50: Very toxic to aquatic organisms.
R68: Possible risk of irreversible effects.

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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