



Extreme Bond Part A

A 2-part toughened structural acrylic for bonding

In compliance with Chip 4 and ACOP, Compilation of Data Sheets 4th Edition, this information is provided to help inform Risk Assessments. Its contents cannot be considered to be a risk assessment under Management of Health and Safety or other such regulations. Risk assessments require consideration of other information related to the precise circumstances and situation or preparation to be used. Such information is not available to the supplier/compiler of this data.



SECTION 1

Product name
Product Use

PRODUCT IDENTIFICATION

Extreme Bond (Part A)
Adhesive



SECTION 2

Classification 1272/2008/EC

HAZARDS IDENTIFICATION

Physical and Chemical Hazards
Human health

Flam. Liq. 2: H225

Sk. Irrit.2: H315; Sk. Sens.1: H317; Eye Irrit.2: H319;

STOT SE3: H335

Not classified

Contains: Methyl methacrylate, 2-hydroxyethyl methacrylate,
2,3-epoxypropyl methacrylate, hydroquinone.



Signal word:

Environment
Danger

Hazard statements:

H225 Highly flammable liquid and vapour.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

Precautionary
statements:

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

P241 Use explosion-proof electrical/ventilating/lighting equipment.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P303+361+353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.



P405 Store locked up.

P501 Dispose of contents/container in accordance with national regulations.



SECTION 3

Hazardous components
Chemical Name(s)

COMPOSITION

Related Information

Methyl methacrylate

% (w/w)
25-50%

CAS no.
80-62-6

Classification

Flam. Liq.2

Skin Irrit.2

Skin Sens.1

STOT SE3

Skin Irrit.2

Skin Sens.1

Eye Irrit.2

Skin Irrit.2

Skin Sens.1

Eye Irrit.2

Acute Tox.4

Org.Perox.EF

Sk.Corr.1B

Acute Tox.3

Acute Tox.4

STOT RE2

Aq.Chron.2

Acute Tox.4

2-hydroxyethyl methacrylate

10-25%

868-77-9

H225

H315

H317

H335

H315

H317

H319

H315

H317

H319

H302, H312, H332

H242

H314

H331

H302, H312

H373

H411

H302

Cumene hydroperoxide

<2.5%

80-15-9

Hydroquinone

<0.5%

123-31-9

Skin Sens.1

H317

Eye Dam.1
Muta.2
Carc.2

H318

H341
H351**SECTION 4**In cases of contact
Eyes
Ingestion
Inhalation
Skin**FIRST AID MEASURES**Flush with water for 15 minutes. Seek medical advice if irritation persists.
Do not induce vomiting. Give water to drink. Seek immediate medical advice and show this sheet.
Remove to fresh air for at least 10 minutes.
Wash skin thoroughly with soap and warm water. Dry skin and apply replenishing cream.
Seek medical advice if irritation develops.**SECTION 5**Extinguishing media
Special procedures**FIRE FIGHTING MEASURES**Use Carbon Dioxide, dry powder, foam or water spray. Do not use water jet.
Wear self-contained breathing apparatus for chemical fires. Use water spray to keep containers cool and vapours down.**SECTION 6**

Clean-up procedures

ACCIDENTAL RELEASE MEASURESRemove all ignition sources. Do not discharge into drains or rivers. Absorb into dry earth or sand.
Transfer to a closable, labelled salvage container for disposal by an appropriate method.**SECTION 7**Handling
Storage**HANDLING AND STORAGE**Do not eat, smoke or drink whilst working with this material. Wash hands before meals and after work.
Store in a cool, well ventilated area. Keep containers tightly closed.**SECTION 8**Hazardous components
Chemical name
Methyl methacrylate
Engineering measures
Respiratory protection
Hand protection
Eye protection
Skin protection**EXPOSURE CONTROLS AND PERSONAL PROTECTION**Workplace exposure limits (WELs)
8 hour TWA 15 min STEL Related information
50 ppm 100ppm
Ensure there is sufficient ventilation of the area.
If Workplace Exposure Limit(s) listed above are exceeded, respiratory protection may be required.
Protective gloves.
Wear safety glasses if there is a risk of eye contact.
Protective overalls.**SECTION 9**State: Liquid
Colour: Green**PHYSICAL AND CHEMICAL PROPERTIES**Odour: Characteristic Dynamic viscosity: 1000 mPas S.G. 1.01 Boiling Pt.: 101°C
Flash point °C: 10 Autoflammability: 430°C Solubility: Immiscible in water**SECTION 10**Stability
Conditions to avoid
Materials to avoid
Decomposition products**STABILITY AND REACTIVITY**Stable under normal conditions.
Hot surfaces. Sources of ignition. Flames.
Strong oxidising agents. Strong acids.
Combustion will generate oxides of carbon, acrid smoke and irritating fumes.**SECTION 11**Hazardous ingredients:

Routes of exposure:**TOXICOLOGICAL INFORMATION**Methyl methacrylate
ORL MUS LD50 3625 mg/kg
ORL RAT LDLO 7872 mg/kg
Prolonged contact with skin may cause irritation leading to dermatitis in extreme cases. May cause an allergic skin reaction. May cause eye irritation.**SECTION 12****ECOLOGICAL INFORMATION**

Should not be discharged directly in concentrated form to water courses.

**SECTION 13**

Disposal operations

DISPOSAL CONDITIONS

Contact licensed waste disposal company.

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

**SECTION 14**UN no: 1133
no: 33**TRANSPORT INFORMATION**

Class: 3	PG: II	Labelling: 3	ADR/RID Classification code: F1	Hazard ID
Shipping name: Adhesives	IMDG/IMO EmS: F-E,S-D			
IATA/ICAO Packing Instructions: 351 (P&CA)	Tariff Number: 35069100			

**SECTION 15**

Regulatory references:

REGULATORY INFORMATION

Regulations (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments. Regulation EU 453/2010 amending Regulation (EC) No 1907/2006.

**SECTION 16****OTHER INFORMATION**

N.B. This SDS gives a summary of the product's classification and hazards under the CLP Regulations, the full version is available from the office.

Always use in accordance with manufacturer's directions.

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TERO TECH Merchant House, Parsonage Square, Dorking, Surrey RH4 1UP. Tel: 01827 283322 Fax: 01827250143**TERO TECH** is a wholly owned subsidiary of the IM Group

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