



Code	Description	Size	Colour
60090	Toptec Resin Anchor (Component A)	300ml	Grey

Recommended use:	Adhesive	
HSNO group standard:	Not required	
UN number, shipping name and packaging group:	Not required	
Supplier contact details:	Holdfast NZ Ltd	Freephone: 0800 TOPTEC
	14 Avalon Drive	Phone: (07) 847 5540
	Nawton	Fax: (07) 847 0324
	Hamilton 3200	Email: sales@topotec.co.nz
	New Zealand	Website: www.topotec.co.nz
POISON CENTRE NUMBER: 0800 764 766 (24 hours)		

2. Hazards Identification

2.1 Hazardous Substances and New Organisms (HSNO) classification:

Classification	Hazard statement
3.1C	Flammable Liquids: medium hazard
6.1C	Acutely toxic (inhalation)
6.1E	Acutely toxic (oral)
6.3B	Mildly irritating to the skin
6.4A	Irritating to the eye
6.5B	Contact sensitisers (contact)
6.6B	Suspected human mutagens
6.8B	Suspected human reproductive or developmental toxicants
6.9B	Harmful to human target organs or systems (inhalation)
9.1D	Slightly harmful in the aquatic environment or are otherwise designed for biocidal action

2.2 Symbols:



2.3 Precautionary Statements:

Not required.

3. Composition/Information on Ingredients

3.1 Information on the ingredients used in the substance:

Ingredient	CAS No.	Individual HSNO classification	Concentration (%)
2-hydroxyethyl methacrylate	868-77-9 212-782-2	6.1E, 6.3B, 6.4A, 6.5B	> 20
vinyltoluenes, inhibited	25013-15-4 246-562-2	3.1C, 6.1C, 6.1E, 6.3B, 6.4A, 6.6B, 6.8B, 6.9B, 9.1D	1 - < 10
1,1' - (p-tolylimino) dipropan-2-ol	38668-48-3 254-075-1	No data.	0.1 - < 1

4. First Aid Measures

4.1 Skin contact:

Wash immediately with lots of water. Soap may be used. Take victim to a doctor if irritation persists.

4.2 Eye contact:

Rinse immediately with plenty of water. Do not apply neutralizing agents. Take victim to an eye specialist if irritation persists.

4.3 Inhalation:

Remove the victim into fresh air. Respiratory problems: consult a doctor/medical service.

4.4 Ingestion:

Rinse mouth with water. Give victim lots of water to drink immediately. Do not induce vomiting. Consult a doctor/medical service if you feel unwell.

4.5 Advice for physicians:

Treat symptomatically.

5. Fire-Fighting Measures

5.1 Extinguishing media:

Water spray. Polyvalent foam. BC powder. Carbon dioxide.

5.2 Special hazards due to combustion:

No data available.

5.3 Advice for fire-fighters:

Take account of environmentally hazardous fire-fighting water. Use fire-fighting water moderately and contain it.

5.4 Hazchem code:

No data.

6. Accidental Release Measures

6.1 Personal precautions:

See heading 8.

6.2 Environmental precautions:

Use appropriate precautions to avoid environmental contamination

Contain leaking substance

Dam up the solid spill

Refer to section 13

6.3 Methods for cleaning up:

Warning! Product may cause floors to be slippery

Scoop solid spill into closing containers

Carefully collect the spill/leftovers

Clean contaminated surfaces with an excess of water
Wash clothing and equipment after handling

6.4 Disposal:

Contact local and regional authorities for further direction.

7. Handling and Storage

7.1 Handling:

Observe very strict hygiene - avoid contact
Do not discharge the waste into the drain
Remove contaminated clothing immediately
Clean contaminated clothing

7.2 Storage:

Keep container tightly closed. Store in a cool area. Store in a dry area. Keep container in a well-ventilated place
Keep away from: heat sources, oxidizing agents

Storage temperature: 5 – 25 °C
Quantity limits: N.D. kg
Storage life: 365 days
Materials for packaging:
- suitable : synthetic material

8. Exposure Controls/Personal Protection

8.1 Exposure limits:

CAS no.	Substance or ingredient	WES-TWA	WES-STEL
868-77-9 212-782-2	2-hydroxyethyl methacrylate:	No Data	No Data
25013-15-4 246-562-2	Vinyltoluenes:	No Data	100 ppm
38668-48-3 254-075-1	1,1' - (p-tolylimino) dipropan-2-ol	No Data	No Data

8.2 Engineering Controls:

Keep away from naked flames and heat.

8.3 Exposure controls:

Control	Protective measure
Eye	Use safety glasses to avoid contact with eye.
Respiratory	Wear gas mask with filter type A if concentration in air > exposure limit
Skin	Protective clothing. Suitable materials: GIVE GOOD RESISTANCE: Butyl rubber

9. Physical and Chemical Properties

9.1 General substance properties:

Property	Details
Appearance	Paste
Colour	Beige
Odour	Characteristic
pH	No data.
Vapour pressure	No data.
Viscosity	No data.
Boiling Point	No data.
Volatile materials	No data.

Freezing/melting point	No data.
Solubility	No data.
Specific gravity/density	Density of 1.6
Flash point	No data.
Danger of explosion	No data.
Auto-ignition temperature	No data.
Upper and lower flammability limits	No data.
Corrosiveness	No data.

10. Stability and Reactivity

10.1 Stability:

Stable under normal conditions

10.2 Conditions to avoid:

Keep away from: heat sources, oxidizing agents.

10.3 Incompatible materials to avoid:

Keep away from: heat sources, ignition sources

10.4 Hazardous decomposition products:

Upon combustion formation of CO, CO₂ and small quantities of nitrous vapours

11. Toxicological Information

11.1 Summary of Toxicity

This product is considered non-toxic. Ingestion may still cause sickness to varying degrees in individuals.

11.2 Acute toxicity:

Test	Data and symptoms of exposure
Oral	No data.
Dermal	No data.
Inhaled	Slight irritation
Eye	Slight irritation
Skin	Slight irritation

11.3 Chronic toxicity:

Test	Data and symptoms of exposure
Sensitisation	May cause sensitization by skin contact
Mutagenicity	Not listed in mutagenicity class (EC,MAK)
Carcinogenicity	Not listed in carcinogenicity class (IARC,EC,TLV,MAK)
Reproductive/developmental	Not classified as toxic to reproduction (EC)
Systemic/targeted organs	No data.

12. Ecological Information

12.1 Ecological properties

Ecology	Ecological data
Aquatic ecotoxicity	No data.
Soil ecotoxicity	No data.
Terrestrial vertebrate	No data.
Terrestrial invertebrate	No data.
Mobility	This product contains 0% volatile organic compounds (VOC).
Degradability	No data.

13. Disposal Considerations

13.1 Disposal methods:

Recycle/reuse.
Remove to an authorized incinerator with energy recovery.
Do not discharge into drains or the environment.

13.2 Disposal restrictions:

Waste material code (91/689/EEC, Council Decision 2001/118/EC, O.J. L47 of 16/2/2001): 08 04 09* (waste adhesives and sealants containing organic solvents or other dangerous substances).
LWCA (the Netherlands): KGA category 03.
Hazardous waste (91/689/EEC).
Remove waste in accordance with local and/or national regulations.

13.3 Special precautions for disposal:

This product is considered a water pollutant in Germany.

14. Transport Information

14.1 Dangerous goods transport information:

Identification	Details	Identification	Details
UN number	No data.	Proper shipping name	No data.
UN class	No data.	Subsidiary risk	No data.
UN packing group	No data.	Hazchem code	No data.

14.2 Transport provisions by land according to the Standard for the Transport of Dangerous Goods on Land (NZS 5433):

No data.

14.3 Transport provisions by sea according to the International Maritime Dangerous Goods (IMDG) code:

No data.

14.4 Transport provisions by air according to International Civil Aviation Organization (ICAO) Technical Instructions:

No data.

15. Regulatory Information

15.1 HSNO approval number and Group Standard:

Not required.

15.2 Group Standard conditions and other regulations:

Condition	Requirement
MSDS	No data.
Labelling	No data.
Emergency plan	No data.
Approved handler	No data.
Tracking	No data.
Bundling and secondary containment	No data.
Signage	No data.
Test certificate	No data.
Flammable zone	No data.
Fire extinguisher	No data.

16. Other Information

16.1 Date of preparation or revision:

Revised September 2013

16.2 Abbreviations:

Abbreviation	Description
CAS number	Number assigned to chemical in the Chemical Abstracts Service registry
HAZCHEM code	Code used by fire-fighters to determine correct method of action in the case of fire
HSNO	Hazardous Substances and New Organisms (Act)
ICAO Technical Instructions	International Civil Aviation Organization Technical Instructions
IMDG code	International Maritime Dangerous Goods code controlled by the International Maritime Organization (IMO)
LC50	Lethal concentration 50% - concentration fatal to 50% of the tested population
LD50	Lethal dose 50% - dose fatal to 50% of the tested population
NZS 5433	New Zealand Standard 5433 (Standard for the Transport of Dangerous Goods on Land)
SDS	Safety data sheet
STEL	Short term exposure limit
TWA	Time weighted average (typically measured as 8 hours)
UN number	United nations number
WES	Workplace exposure standard

16.3 References

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material in combination with any other material or in any process, unless specified in the text.