



SAFETY DATA SHEET

01-Sept-2018

1. Identification

- 1.1 | Product Identifier: Mightyloc TAFTLOCK 42
1.2 | Intended Use Of Product: Adhesive
1.3 | Company: Vitrochem Technology Pte Ltd
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WCEGA Plaza, #05-40,
Singapore 658964
1.4 | Telephone: (+65) 67667191

2. Hazards Identification

Hazard Pictogram:



Signal Word: WARNING

Hazard Statements: H317: May cause an allergic skin reaction
H319: Causes serious eye irritation
H335: May cause respiratory irritation
H413: May cause long-lasting harmful effects to aquatic life

Precautionary Statements: P273: Avoid release to the environment
P280: Wear protective gloves/protective clothing/eye protection/face protection
P312: Call a POISON CENTER/ doctor if you feel unwell
P333+313: If skin irritation or a rash occurs: Get medical advice/attention
P337+313: If eye irritation persists get medical advice/attention
P501: Dispose of contents/container in accordance with official regulations

3. Composition / Information on Ingredients

Substance / Composition	Mixture (WT%)	CAS No	Exposure Limit
Polyglycol dimethacrylate	85 – 90%	25852-47-5	N/A
Propylidynetrimethyl trimethacrylate	5 - <10%	3290-92-4	N/A
Cumene hydroperoxide	1 – <5%	80-15-9	N/A
2'-Phenylacetohydrazide	<1%	114-83-0	N/A

4. First Aid Measures

- Eye Contact: Flush with water for 15 minutes. Seek medical help immediately.
Skin Contact: Soak bonded skin in warm water. Seek medical help if rashes developed.
Inhalation: Immediately move to well ventilated space. Seek medical treatment.
Ingestion: Seek medical help immediately.

5. Fire Fighting Measures

Extinguishing Media: Dry extinguishing powder. Foam. Water spray. Carbon dioxide (CO₂)

6. Accidental Release Measures

Air Release: Reduce vapors with water spray. Stay upwind and keep out of low areas.

Soil Release: Dig holding area such as lagoon, pond or pit for containment.
Absorbs with sand or other non-combustible material

Water Release: Absorb with activated carbon.

Cover with absorbent sheets, spill-control pads or pillows.

Occupational Release: Avoid heat, flames, sparks and other sources of ignition. Stop leak if possible without personal risk. Reduce vapors with water spray. Small spills: Absorb with sand or other non-combustible material. Collect spilled material in appropriate container for disposal.

Large spills: Build dikes to prevent entry into sewerage systems. Isolate affected areas, collect spilled material in appropriate container and dispose of as soon as possible.

7. Handling and Storage

Storage Precautionary P402+404 - Store in a dry place. Store in a closed container.

Statements: P403+233 - Store in a well ventilated place. Keep container tightly closed.

P411+235 - Store at temperature not exceeding 25°C

8. Exposure Controls / Personal Protection

Engineering Measures: No special precautions are necessary if used correctly.

Eye Protection: Wear goggles or regular glasses with side shielded.



Hand & skin Protection: Wear solvent resistant impervious rubber gloves.



Respiratory Protection: Not necessary under normal application circumstances.



9. Physical and Chemical Properties

Physical state:	Liquid
Color:	Blue
Odor:	Barely perceptible odor
Specific Gravity (g/cm ³):	1 – 1.1
Solubility In Water:	Insoluble in water
Flash Point,(°C):	Non flammable
Vapor Density:	N/A

10. Physical Hazard (Stability and Reactivity)

Reactivity:	Stable at normal temperature and pressure.
Incompatibilities:	Strong oxidizing agents, Alkalis & acids.
Hazardous Decomposition:	No hazardous decomposition products known.
Materials to avoid:	Strong oxidizing agents, Alkalis & acids.

11. Toxicological Information

Acute Toxicity:	Not classified
Primary irritant effect:	
On the skin:	May cause skin irritation
On the eye:	May cause eye irritation
Sensitization:	May cause sensitization through skin contact

12. Ecological Information

Mobility and Bioaccumulation:	No data available.
Biodegradability:	No data available.
Aquatic Toxicity:	No data available.

13. Disposal Considerations

By an approved contractor, in accordance with local authority regulations.

14. Transport Information

ADR, AND, IMDG,IMO, IATA:	Not regulated
Hazard class:	None
UN/NA Number:	Not regulated
Packing Group:	Not regulated
Hazard Label:	None

15. Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance / mixture:

*No further relevant information available.

Chemical Safety Assessment:

*A Chemical safety assessment has not been carried out.

16. Other Information

A certain portion of the above information of dangerous and harmful effects may be insufficient, please perform adequate investigation. The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied is made with respect to the information contained herein. In case special handling is required, please handle with suitable safety measures according to the application and relevant laws and regulations.