

MATERIAL SAFETY DATA SHEET

THREADLOCKER 3243

1. Product & Company Identification

1.1 Product Detail

Product name: Threadlocker 3243

1.2 Company Details:

Manufacturer: Silock Technical Inc.
Address: Nevada 89102 USA

2. Composition / Hazardous Components

Chemical Name	CAS No.	WT%	EINECS	Symbols/Risk phrases
Polyethyleneglycol dimethacrylate	25852-47-5	60 – 70 %	-	Xi; R36/37/38
Acrylic acid derivative	Proprietary	1 – 10 %	Proprietary	C; R34
Cumene hydroperoxide	80-15-9	1 – 10 %	201-254-7	O; R7 T; R23 Xn; R21/22-48/20/22C; R34 N; R51/53
Acrylic acid	79-10-7	0 – 0.5 %	201-177-9	R10 Xn; R20/21/22 C; R35 N; R50
N,N-Dimethyl-p-toluidine	99-97-8	0 – 0.5 %	202-805-4	T; R23/24/25 R33 R52/53
Cumene	98-82-8	0 – 0.5 %	202-704-5	R10 Xn; R65 Xi; R37 N; R51/53

3. Hazards Identification

Main hazards: Irritating to eyes, respiratory system and skin.

4. First-aid Measures

In case of ingestion:	If swallowed, seek medical advice immediately and show this container or label. DO NOT INDUCE VOMITING. If ingested, induce vomiting, but only under medical supervision. Seek medical attention.
In case of skin contact:	Remove contaminated clothing. Wash off immediately with plenty of soap and water. Seek medical attention if irritation or symptoms persist. Wash all contaminated clothing before reuse.
In case of eyes contact:	Rinse immediately with plenty of water for 15 minutes clothing holding the eyelids open. Seek medical attention if irritation or symptoms persist.
In case of inhalation:	Move the exposed person to fresh air. Seek medical attention if irritation or symptoms persist.

5. Fire Fighting Measures

Suitable extinguishing media:	Use extinguishing media appropriate to the surrounding fire conditions. Extinguishing media carbon dioxide (CO2) dry chemical.
Fire hazards:	Burning produces irritating, toxic and obnoxious fumes.
Protective equipment:	In case of fire and/or explosion do not breathe fumes. Wear suitable respiratory equipment when necessary.

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6. Accidental release measures

Personal precautions:	Evacuate personnel to a safe area. Keep personnel away from spill. Surfaces contaminated with the product will become slippery.
Environmental precautions:	Do not allow product to enter drains. Do not flush into surface water. Prevent further spillage if safe.
Clean up methods:	Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labeled containers for disposal.

7. Handling and Storage

Handling:	Open container carefully. Do not eat, drink or smoke in areas where this product is used or stored. Do not breathe gas/fumes/vapour/spray. Avoid contact with eyes and skin. Keep away from oxidizing agents.
Suitable packaging:	Suitable packaging. Store in original container.
Storage:	Avoid contact with: oxidizing agents, heat and direct sunlight. Keep containers tightly closed. Keep in a cool, dry, well ventilated area.

8. Exposure control / Personal protection

Exposure limits:	Cumene: WEL 8-hr limit ppm: 25 WEL 8-hr limit mg/m3: 125 WEL 15 min limit ppm: 50 WEL 15 min limit mg/m3: 250
Engineering measures:	Ensure adequate ventilation of the working area.
Occupational exposure:	Keep away from food, drink and animal feedingstuffs.
Controls:	
Respiratory protection:	Do not breathe gas/fumes/vapour/spray. Wear suitable respiratory equipment when necessary.
Hand protection:	Avoid contact with skin and eyes. Wash hands after handling the product.
Eye protection:	Avoid contact with eyes. In case of splashing, wear: Approved safety goggles.
Protective equipment:	Adopt best Manual Handling considerations when handling, carrying and dispensing. Protect clothing from contact with the product.

9. Physical and Chemical Properties

Form:	Liquid
Colour:	Blue
Viscosity:	Cone & Plate: 1200 - 3000 mPa.s
Odour:	Characteristic
Flash Point:	> 125°C

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10. Stability and Reactivity

Stability:	Stable under normal conditions. May polymerize.
Incompatibility (material to be avoid):	Oxidising agents
Conditions to be avoid:	Heat. Light. Store at temperatures below 55 °C.
Dangerous products of decomposition:	Burning produces irritating, toxic and obnoxious fumes. Carbon oxides, nitrogen oxides, sulphur oxides.

11. Toxicological Information

Acute toxicity:	May cause allergic reactions in susceptible people.
Corrosivity:	Irritating to eyes, respiratory system and skin. Seek medical attention if irritation or symptoms persist.
Sensitization:	No sensitization effects reported. May cause sensitisation by skin contact.
Repeated or prolonged exposure:	Repeated or prolonged exposure may cause dermatitis.
Mutagenic effects:	No mutagenic effects reported.
Carcinogenic effects:	No carcinogenic effects reported.
Reproductive toxicity:	No teratogenic effects reported.

12. Ecological Information

Ecotoxicity:	No data is available on this product.
Mobility:	No data is available on this product.
Degradability:	No data is available on this product.
Bioaccumulation:	No data is available on this product.
Further information:	No data is available on this product.

13. Disposal Considerations

General information:	Dispose of in compliance with all local and national regulations. Do not allow product to enter drains. Do not empty into drains.
Disposal methods:	Dispose of in compliance with all local and national regulations.
Disposal of packaging:	Empty containers can be sent to landfill after cleaning, if in compliance with local and national regulations.

14. Transport Information

Further information:	The product is not classified as dangerous for carriage.
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15. Regulatory Information

Symbols

Xi – Irritant



Safety phrases

S24 - Avoid contact with skin.

S37 - Wear suitable gloves.

Risk phrases

R10 - Flammable.

R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed.

R21/22 - Harmful in contact with skin and if swallowed.

R23 - Toxic by inhalation.

R23/24/25 - Toxic by inhalation, in contact with skin and if swallowed.

R33 - Danger of cumulative effects.

R34 - Causes burns.

R35 - Causes severe burns.

R36/37/38 - Irritating to eyes, respiratory system and skin.

R37 - Irritating to respiratory system.

R48/20/22 - Harmful: danger of serious damage to health by prolonged exposure through inhalation and if swallowed.

R50 - Very toxic to aquatic organisms.

R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R65 - Harmful: may cause lung damage if swallowed.

R7 - May cause fire.

16. Other Information

These data are offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific content of the intended use and determine whether they are appropriate.

*** End Of MSDS ***