

PRO CHEM, INC.

1475 BLUEGRASS LAKES PKWY.
ALPHARETTA, GA 30004
EMERGENCY/INFO # (800) 241-8180
ADDITIONAL EMERGENCY # INFO TRAC 1-800-535-5053

MATERIAL SAFETY DATA SHEET
THREADLOCKER PC 242 / 2476
DECEMBER 2010
PAGE 1

HEALTH	2
FIRE	1
REACTIVITY	1
P.P.E.	C

Complies With USDL Safety and Health Regulations, (29 CFR 1910.200)

SECTION 1 – Chemical and Company Identification

COMMON IDENTIFICATION: Threadlocker/Sealant

SECTION 2 – Composition on Ingredients

COMPONENTS	CAS #	PERCENT %	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED
Methacrylate monomer	25852-47-5	60-65	n.e.	n.e.	
Polyethylene glycol ester	18268-70-7	25-27	n.e.	n.e.	
Silica	67762-90-7	2-5	n.e.	n.e.	
Saccharin	81-07-2	2-5	n.e.	n.e.	
Cumene hydroperoxide	80-15-9	1-3	n.e.	n.e.	

The remaining components of this product are not considered hazardous substances or are below reportable levels under OSHA's Hazard Communication Standard (29 CFR 1910.1200)

All ingredients are listed on the TSCA Inventory. n.a. = not applicable / n.e. = not established

SECTION 3 – Hazards Information

PRIMARY ROUTES OF ENTRY:	INHALATION:	INGESTION: X	SKIN ABSORPTION: X
EYE CONTACT:	A primary route of exposure that will cause eye irritation characterized by excessive tearing, redness and blinking.		
SKIN CONTACT:	A primary route of exposure that may cause moderate skin irritation and allergic skin reaction. May cause rash, redness, swelling and blistering (symptoms may be delayed).		
INHALATION:	As supplied; not a significant hazard. However, vapors generated at elevated temperatures may cause respiratory tract irritation. Symptoms may include coughing, mucous production and shortness of breath.		
INGESTION:	Ingestion may cause irritation of the gastrointestinal tract and depression of the central nervous system leading to loss of consciousness.		
CHRONIC EFFECTS:	Material or its emissions may defat skin, cause contact dermatitis and thereby aggravate existing skin or systemic diseases.		
CARCINOGENIC:	Contains saccharin which has been determined to cause cancer in laboratory animals.		

SECTION 4 – First Aid Measures

EYES:	Flush eyes with generous amounts of water for 20-30 minutes, lifting both upper and lower eyelids occasionally. Get medical attention.
SKIN:	Thoroughly wash exposed area with soap and water. If irritation develops, seek medical attention. Launder clothing before reuse.
INHALATION:	If overcome by exposure, victim should be removed to fresh air immediately. Give artificial respiration as needed. Get immediate medical attention.
INGESTION:	Do not induce vomiting. Immediately seek medical attention.

SECTION 5 – Fire Fighting Measures

FLASH POINT:	>200°C	METHOD:	PMCC
AUTOIGNITION TEMPERATURE:	Not determined		
FLAMMABILITY LIMITS % IN AIR:	LEL: Not determined	UEL:	Not determined

EXTINGUISHER MEDIA: Use carbon dioxide, foam, dry chemical and/or water spray.

SPECIAL FIREFIGHTING PROCEDURES: Wear a NIOSH approved self-contained breathing apparatus operated in pressure-demand or other positive pressure when fighting fires. Sealed containers may rupture explosively if exposed to heat.

UNUSUAL FIRE HAZARDS AND CONDITIONS TO AVOID: Combustion of product may produce oxides of carbon.

SECTION 6 – Accidental Release Measures

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED: Absorb loose material on inert filler and place in suitable container for proper disposal.

SECTION 7 – Handling and Storage

SAFE HANDLING AND STORAGE: Avoid prolonged skin contact. Store product in a cool dry place, away from light.

OTHER PRECAUTIONS AND SPECIAL HAZARDS INFORMATION: This material contains inhibitors which upon depletion can result in an excessive thermal reaction.

SECTION 8 – Exposure Controls/Personal Protection

RESPIRATORY PROTECTION:	Dependent on use. Work in a well ventilated area.
PROTECTIVE GLOVES:	Use rubber or vinyl.
EYE PROTECTION:	Wear NIOSH approved safety glasses.
VENTILATION TO BE USED:	LOCAL EXHAUST: X MECHANICAL: SPECIFIC: OTHER (specify):
PROTECTIVE CLOTHING AND EQUIPMENT:	Wear impervious clothing to prevent repeated, prolonged skin contact.
HYGIENIC WORK PRACTICES:	Practice good personal hygiene and wash hands after handling product.

SECTION 9 – Physical and Chemical Properties

BOILING POINT:	>300°F	VAPOR DENSITY (Air=1):	Heavier than air
VAPOR PRESSURE:	n.e.	VOC #/GAL:	0.4114
DENSITY OF COATING:	No data	MELTING POINT:	n.a.
SPECIFIC GRAVITY (Water=1):	> 1.0	EVAPORATION RATE:	n.a.
WATER REACTIVE:	No	SOLUBILITY IN WATER	Insoluble
APPEARANCE AND ODOR:	Blue opaque liquid with cumene odor.		

SECTION 10 – Stability and Reactivity

STABILITY:	Stable
HAZARDOUS POLYMERIZATION:	Will not occur.
CONDITIONS TO AVOID:	As supplied; avoid unintentional mixing of material with free radical initiators, oxidizing agents, reducing agents and metal oxides. Avoid storage temperatures exceeding 100°F.
INCOMPATIBILITY:	Avoid strong oxidizing agents and storage temperatures exceeding 120°F. Avoid exposure to steel or rust.
HAZARDOUS DECOMPOSITION PRODUCTS:	Combustion yields oxides of carbon and possible toxic fumes.

SECTION 11 – Toxicological Information

COMPONENT	ORAL LD50	DERMAL LD50	INHALATION LC50
Methacrylate monomer	Not determined	Not determined	Not determined
Polyethylene glycol ester	Not determined	Not determined	Not determined
Silica	>5000 mg/Kg (Rat)	Not determined	Not determined
Saccharin	Not determined	Not determined	Not determined
Cumene hydroperoxide	800-1600 mg/Kg (Rat)	Severe irritation (delayed)	700 ppm (Rat)

THIS INFORMATION MUST BE ON ALL MSDS'S COPIED AND DISTRIBUTED FOR THIS MATERIAL.

NO WARRANTY IS EXPRESSED/IMPLIED REGARDING THE ACCURACY OF THIS DATA OR RESULTS OBTAINED FROM USE. PROCHEM ASSUMES NO RESPONSIBILITY FOR PERSONAL INJURY OR PROPERTY DAMAGE TO USER. VENDEE/USER ASSUMES ALL RISKS ASSOCIATED WITH USE.

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SECTION 12 – Ecological Information

No data available.

SECTION 13 – Disposal Consideration

WASTE DISPOSAL METHODS: Dispose of in accordance with local, state and federal regulations.

SECTION 14 – Transport Information

DOT SHIPPING NAME: Not regulated

SECTION 15 – Regulatory Information

SECTION 313 SUPPLIER NOTIFICATION

Detaching this notification from the Material Safety Data Sheet is prohibited by law and any copying or distribution of same requires this attachment be included.

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and 40 CFR 372:

<u>CAS #</u>	<u>CHEMICAL NAME</u>	<u>% BY WEIGHT</u>
80-15-9	Cumene hydroperoxide	1.64

This product contains the following materials that under California Proposition 65 of the Safe Drinking Water and Toxic Enforcement Act of 1986 are recognized to cause cancer or reproductive toxicity.

<u>Material</u>	<u>CAS #</u>	<u>Concentration %</u>	<u>Cancer Agent</u>	<u>Reproductive Toxin</u>	<u>Cancer Agent & Reproductive Toxin</u>
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SECTION 16 – Other Information

The information contained herein is based on the data available to us and is believed to be correct. However, Pro Chem, Inc. makes no warranty, expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Information is supplied upon the condition that the persons receiving same will make their own determination as to its suitability for their properties prior to use. Since conditions of use are beyond our control, all risks are assumed by the user.

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