

Material Safety Data Sheet



Section 1. Chemical Product and Company Identification

Product Name Submount®	Product Code 57006-x
Manufacturer's Name StatLab Medical Products, Inc.	Emergency Telephone Number 800-424-9300
Address (Number, Street, City, State, and ZIP Code) 407 Interchange st. McKinney Tx 75071	Telephone Number for Information 800-442-3573 x 2 Date Prepared 3/19/2003 rev(11/06) Signature of Preparer (optional)

Section 2. Composition/Information on Ingredients

Component	CAS #	OSHA PEL	ACGIH TLV	Other Limits Recommended	Percent
Toluene	108-88-3	200	50/150ppm		55%
Resin	68240-09-5	NA			45%

Section 3. Hazards Identification

Emergency Overview

May cause moderate to severe eye irritation, redness, tearing, or blurred vision. Repeated or prolonged skin contact may cause irritation and drying. Ingestion can cause G.I. Irritation, nausea, vomiting or diarrhea. Excessive inhalation of solvent vapors can cause respiratory irritation, headaches, dizziness, and/or nausea.

Potential Health Effects

Eye May cause moderate to severe eye irritation, redness, tearing or blurred vision.

Skin Repeated or prolonged skin contact may cause irritation and drying.

Ingestion Can cause G.I. Irritation, nausea, vomiting, or diarrhea.

Inhalation Excessive inhalation of solvent vapors can cause respiratory irritation, headaches, dizziness, and/or nausea.

Chronic/Carcinogenicity Not classified as human carcinogen.

Teratology

Reproduction

Mutagenicity

Material Safety Data Sheet



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Product Code 57006-x

Section 4. First Aid Measures

Eye Thoroughly flush eyes with water. Contact a physician if irritation persists.

Skin Remove contaminated clothing. Wash affected area with soap & water.

Ingestion Rinse mouth thoroughly with water, provided person is conscious and contact a physician.

Inhalation Remove person to fresh air. If not breathing, give artificial respiration and contact a physician.

All Other Means of Exposure CONTACT POISON CONTROL CENTER IMMEDIATELY. Be prepared to provide hazardous ingredient information from Section 2.

Section 5. Fire Fighting Measures

Flammable Properties	Flash Point	40° F	Method	TCC
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Flammable Limits	Lower	1.2	Upper	7
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Autoignition Temperature	N/A
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Hazardous Combustion Products	N/A
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Extinguishing Media Water spray, dry chemical, CO₂ and foam for alcohol.

Fire Fighting Instructions Wear protective clothing with NIOSH approved breathing apparatus. Products of combustion may be harmful in a fire situation.

Do not use direct water stream.

Section 6. Accidental Release Measures

Eliminate source of ignition in the vicinity of the spill or released vapor. Isolate the spill area with sand or other absorbent material. Place all contaminated material in closed container for disposal.

Section 7. Handling and Storage

Handling/Storage Use precautions for flammable liquids. Avoid excessive heat and sources of ignition. For large quantities, store in flammable safety cabinet. Use in well ventilated area.

Material Safety Data Sheet



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Product Code 57006-x

Section 8. Exposure Controls, Personal Protection

Engineering Controls

Respiratory Protection Not normally required. If used in a poorly ventilated area use under an approved fume hood or NIOSH approved respirator.

Ventilation Special flammable exhaust hood if vapor concentrate is high. In well-ventilated areas, mechanical exhaust is sufficient.

Skin Protection Normal laboratory apparel suggested by Good Laboratory Practices. Chemical resistant gloves.

Eye Protection Safety glasses.

Permissible Exposure Levels (see also Section 2)

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Toluene	108-88-3	200	50/150ppm		55%
Resin	68240-09-5	NA			45%

Section 9. Physical and Chemical Properties

Boiling Point	232° F	Specific Gravity (H2O = 1)	>1
Vapor Pressure (mm Hg)	38	Melting Point	
Vapor Density (AIR = 1)	4.5	Evaporation rate (Butyl Acetate = 1)	4.5
Solubility in Water	No	Physical State	
Appearance and Odor	Light yellow liquid, characteristic odor	Other	

Section 10. Stability and Reactivity

Chemical Stability Stable

Material to Avoid Strong oxidizers

Conditions to Avoid Excessive heat, sparks or flame.

Hazardous Decomposition Products Oxides of carbon

Hazardous Polymerization Does not occur.

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Section 11. Toxicological Information

Section 12. Ecological Information

Section 13. Disposal Considerations

All liquid and or contaminated material should be disposed of in DOT approved waste containers. Incineration for liquids is the suggested method of disposal. Comply with all Federal, State and Local regulations for disposal.

Section 14. Transport Information

US DOT (domestic ground) Toluene, 3, II, UN1294

IATA (air) Toluene, 3, II, UN1294

NOTE: It is ultimately the shippers responsibility to make hazard class determination based on their best information available.

Section 15. Regulatory Information

CERCLA Reportable Quantity: 1477 lbs for Toluene

SARA TITLE III: Section 302 Extremely Hazardous Substances: No

Section 311/312 Hazardous Categories: Acute: Yes; Chronic: Yes;

Fire: Yes; Pressure: No; Reactivity: No

Section 313 Toxic Chemicals: Yes (Tolulene)

California Proposition 65: This product contains trace amounts of benzene (<0.1%), a chemical known to the state of California to cause cancer.

Section 16. Other Information

Vapors are heavier than air and may travel along the ground and be ignited by heat, sparks, cigarettes, or other ignition sources at locations distant from the material handling point. Ground all equipment. Do not weld or use a cutting torch on or near drums, even if empty. Empty drums contain residual material which may ignite explosively. Empty drums contain residual material which may decompose to emit toxic or irritating fumes if burned.

When handled properly by qualified personnel, the product described herein does not present a significant health or safety hazard. Alteration to its characteristics by concentration, evaporation, addition of other substances, or other means may present hazards not specifically addressed herein and which must be evaluated by the user. The information furnished herein is believed to be accurate and represents the best data currently available to us. No warranty, expressed or implied, is made and STATLAB MEDICAL PRODUCTS, LLC assumes no legal responsibility or liability whatsoever resulting from its use.