

Material Safety Data Sheet

Complies with EC no. 1907/2006
Issue Date: 11/15/2013

Section 1: Chemical Product and Company Identification

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Cat#: LC

Part Name: SHURMOUNT MOUNTING MEDIA (Toluene Base)

Supplier: TBS – A Division of General Data Healthcare
3014 Croasdaile Drive
Durham, NC 27705 U.S.A.
Phone: 919-384-9393
24 hr. Emergency Contact 1.800.255.3924

Identified uses: Laboratory use, manufacture of substances

Section 2: Hazards Identification

Hazard Overview

Causes skin, eye and respiratory tract irritation.

Flammable liquid and vapor.

Harmful if inhaled, absorbed through skin or swallowed.

GHS Classification

Flammable Liquids Category 3

Skin Irritant Cat 2, Acute Oral Toxicity Cat 4

Signal word: Danger



Hazard and Precautionary Statements

H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P280A	Wear protective gloves
P285	In case of inadequate ventilation wear respiratory protection.
P301A	IF SWALLOWED do not induce vomiting. Do not give anything to drink. Obtain medical attention without delay.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P304+P341	IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305	IF IN EYES: Rinse cautiously with water for several minutes.
P314	Get medical advice/attention if you feel unwell.
P351	Rinse cautiously with water for several minutes.
P361	Remove/Take off immediately all contaminated clothing.

NFPA Rating

Hazard Ratings:

These ratings are private assessments of the properties of the material using the ANSI/NFPA 704 Standard. Additional information can be found by consulting in the NFPA published ratings lists (List 325 and List 49).

If no data is listed the information is not available.

Health Flammability Reactivity
 1 3 0

Section 3: Composition/ Information on Ingredients

Note: Items listed with a CASRN... number have no CAS# available.

Item#	Name	EINECS	CAS#	% in product
1	2-(2'-Hydroxy-5'-methylphenyl)benzotriazole	219-470-5	0002440224	0 - 5
2	4-Methoxyphenol	205-769-8	0000150765	0 - 5
3	Acrylic resin solids	Unknown	CASRNY2033	31 - 40
4	Butyl benzyl phthalate	201-622-7	0000085687	0 - 5
5	gamma-Methacryloxypropyltrimethoxysilane	219-785-8	0002530850	0 - 5
6	Toluene	203-625-9	0000108883	61 - 70

Section 4: First Aid Measures

Contact medical personnel if discomfort persists.
 Flush eyes with flowing water for at least 15 minutes.
 If breathing is difficult, contact emergency personnel.
 If swallowed, do not induce vomiting. Do not give anything to drink. Obtain medical attention without delay.
 If swallowed, wash out mouth with water if person is conscious.
 Remove contaminated clothing.
 Wash skin with deluge of water for at least 15 minutes.

Section 5: Fire Fighting Measures

Flash point, deg F.: 34 Method: CC
 UEL: 7.1 LEL: 1.3 Autoignition temperature, deg. F.: no data
 Flammability Classification: IB Flame Propagation Rate: no data
 Hazardous Combustion Products: no data

Section 6: Accidental Release Measures

Any information listed below is to be considered in addition to internal guidelines for isolation of spill, containment of spill, removal of ignition sources from immediate area, and collection for disposal of spill by trained, properly protected clean up personnel.
 Absorb liquids on absorbent material.
 Contain spilled liquids.
 Protect personnel from exposure.
 Remove ignition sources.
 Use appropriate personal protective equipment.
 Ventilate the area.

Section 7: Handling and Storage

Store at room temp

Section 8: Exposure Controls/ Personal Protection

OSHA (ACGIH) Exposure Limits

	IDLH:	TWA		STEL		CEILING	
		ppm	mg/	ppm	mg/m3	ppm	mg/m3
CAS#: 0000085687	NE						
OSHA		NE	NE	NE	NE	NE	NE
ACGIH		NE	NE	NE	NE	NE	NE
CAS#: 0000108883	500						
OSHA		ACGIH;CA	--	a	--	300a	--
ACGIH		50	188	--	--	--	--
CAS#: 0000150765	--						
OSHA		Not classifi	--	--	--	--	--
ACGIH		--	5	--	--	--	--
CAS#: 0002440224	NE						
OSHA		NE	NE	NE	NE	NE	NE
ACGIH		NE	NE	NE	NE	NE	NE
CAS#: 0002530850	NE						

OSHA	NE	NE	NE	NE	NE	NE
ACGIH	NE	NE	NE	NE	NE	NE
CAS#: CASRNY20333 IDLH: NE						
OSHA	NE	NE	NE	NE	NE	NE
ACGIH	NE	NE	NE	NE	NE	NE

The use of eye protection in the form of safety glasses with side shields and the use of skin protection for hands in the form of gloves are considered minimum and non-discretionary in work places and laboratories. Any recommended personal protection equipment or environmental equipment is to be considered as additional to safety glasses and gloves.

Use chemical splash goggles and face shield.

Use latex or equivalent gloves.

Use process enclosures, local exhaust ventilation, or other engineering controls.

Chemical-resistant gloves should be worn whenever this material is handled. The glove material has to be impermeable and resistant to the product. Gloves should be removed and replaced immediately if there is any indication of degradation or chemical breakthrough.

Rinse and remove gloves immediately after use. Wash hands with soap and water. All glove recommendations presume that the risk of exposure is through splash and not intentional immersion of the hands into the product.

Since glove permeation data does not exist for this material, no recommendation for the glove material can be given for the product.

Permeation data must be obtained from the glove manufacturer to determine if the glove is suitable for the task.

Section 9: Physical and Chemical Properties

Formula:	mixture	vapor pressure:	22 mm Hg
Formula Weight:	nap	vapor density:	3.2
boiling point:	230	Specific gravity:	0.95
melting point:	no data	ph:	no data
solubility:	not soluble	appearance:	colorless viscous liquid

Section 10: Stability and Reactivity

Chemical Stability stable

Conditions to Avoid: high temperature, flame

Incompatibility with other materials: oxidizing agents

Hazardous Decomposition Products: oxides of carbon

Hazardous Polymerization: will not occur

Section 11: Toxicological Information

Acute Data: no data

Subchronic data: no data

Section 12: Ecological Information

no data

Section 13: Disposal Considerations

The following chart lists the status of the chemical and its components in reference to 40 CFR Part 261.33. If the product is listed by code number the substance may be subject to special federal and state disposal regulations. If no codes are listed the material must be disposed in compliance with all Federal, State and Local Regulations.

CAS#	Waste Code	Regulated Name
0000085687	not listed	not listed
0000108883	U220	Toluene
0000150765	not listed	not listed
0002440224	not listed	not listed
0002530850	not listed	not listed
CASRNY20333	not listed	not listed

Section 14: Transportation Data

Proper Shipping Name TOLUENE SOLUTION

Chemical Name

UN UN1294

Class 3

PG II

Section 15: Regulatory Information

All components of this product are on the TSCA public inventory.

All components of this product are on the TSCA public inventory.

Prop 65 - Column A identifies those items which are known to the State of California to cause cancer. Column B identified items which are known to the State of California to cause reproductive toxicity.

CAS#	Column A	Column B
0000085687	no	no
0000108883	Yes	0000108883
0000150765	no	no
0002440224	no	no
0002530850	no	no
CASRNY20333	no	no

State Regulatory Information :If a CAS# is listed below this material is subject to the listed state right-to-know requirements.

CAS#	
0000085687	not listed
0000108883	not listed
0000150765	not listed
0002440224	not listed
0002530850	not listed
CASRNY2033	not listed

SARA Toxic Release Chemicals(as defined in Section 313 of SARA Title III)

This list identifies the toxic chemicals, including their de minimis concentrations for which reporting is required under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA). The list is also referred to as the Toxics Release Inventory (TRI) List.

CAS#	Regulated name	de minimis conc. %	Rep. Thres.
0000085687	not listed	not listed	not listed
0000108883	Toluene	1.0	not listed
0000150765	not listed	not listed	not listed
0002440224	not listed	not listed	not listed
0002530850	not listed	not listed	not listed
CASRNY20333	not listed	not listed	not listed

SARA Extremely Hazardous Substances and TPQs

This list includes hazardous chemicals as defined in 29 CFR 1910.1200(c); and extremely hazardous substances regulated under Section 302 of SARA Title III with their TPQs (in pounds), as listed in 40 CFR 355, Appendices A and B.

CAS#	Regulated name	TPQ (pounds)	EHS-RQ(pounds)
0000085687	not listed	not listed	not listed
0000108883	not listed	not listed	not listed
0000150765	not listed	not listed	not listed
0002440224	not listed	not listed	not listed
0002530850	not listed	not listed	not listed
CASRNY20333	not listed	not listed	not listed

CERCLA

The hazardous substances, and their reportable quantities (RQs) are listed in the federal regulations at 40 CFR Part 302, Table 302.4. Release of a CERCLA hazardous substance in an amount equal to or greater than its RQ, in any 24-hour period, must be reported to the National Response Center at (800) 424-8802.

CAS#	Regulated name	RQ (pounds)
0000085687	Not listed	Not listed
0000085687	Butyl benzyl phthalate	100
0000108883	Not listed	Not listed
0000108883	Benzene, methyl-	1,000
0000108883	Toluene	1,000
0000150765	Not listed	Not listed
0002440224	Not listed	Not listed

0002530850	Not listed	Not listed
CASRNY20333	Not listed	Not listed

Section 16: Other Information

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END OF MSDS