

24 HOUR EMERGENCY #: 1-800-255-3924

SECTION I - IDENTIFICATION

PRODUCT NAME: H-LC LIQUID COVERGLASS (TOLUENE BASED)

SECTION II - HAZARDOUS INGREDIENTS THRESHOLD LIMIT VALUES

HAZARDOUS COMPONENTS	CASRN	%	OSHA-TWA		OSHA-STEL	
			PPM	MG/M3	PPM	MG/M3
TOLUENE	108-88-3	80	100	375	150	560
ACRYLIC RESIN SOLIDS	T/S	30	NE	NE	NE	NE
AROMATIC ESTER	T/S	1	NE	5	NE	NE
ORGANIC SILANE	T/S	1	NE	NE	NE	NE

CHEMICAL CLASS: FLAMMABLE LIQUID

UN#: UN

SUPPLIER NOTIFICATION: THIS PRODUCT CONTAINS THE FOLLOWING TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SARA TITLE III, SECTION 313, AND OF 40 CFR 372.

CAS #	CHEMICAL NAME	% BY WEIGHT
108-88-3	TOLUENE	80

SECTION III - PHYSICAL DATA

BOILING POINT: 230 F
% VOLATILE BY VOLUME: 80
EVAPORATION RATE (BUTYL ACETATE=1): 0.45
SPECIFIC GRAVITY: 0.92
MELTING POINT: N/A
SOLUBILITY IN WATER: NOT SOLUBLE
VAPOR PRESSURE @ 20 C: 22 MM HG
VAPOR DENSITY: 3.2
APPEARANCE AND ODOR: WATER CLEAR, VISCOUS LIQUID, CHARACTERISTIC ODOR.

SECTION IV - EXPLOSION AND FIRE HAZARD DATA

FLASH POINT: 40 F
TEST MODE: CC
FLAMMABLE LIMITS: LEL - 1.3 UEL - 7.1

EXTINGUISHING MEDIA: FOAM, CARBON DIOXIDE, DRY CHEMICAL POWDER.

SPECIAL FIRE FIGHTING PROCEDURES: FIREFIGHTERS MUST WEAR SELF-CONTAINED BREATHING APPARATUS AND FULLY PROTECTIVE EQUIPMENT. WATER MAY BE INEFFECTIVE IN FIGHTING FIRE, BUT CAN BE USED TO COOL FIRE EXPOSED CONTAINERS.

UNUSUAL FIRE AND EXPLOSION HAZARDS: FLAMMABLE LIQUID.

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SECTION V - HEALTH HAZARDS

ROUTE OF ENTRY: INHALATION: YES
SKIN: YES
INGESTION: YES
RTEC#: PC1400000 (METHANOL)

CARCINOGENICITY: NOT LISTED

HEALTH HAZARDS: IRRITANT TO UPPER RESPIRATORY TRACT, SKIN (ACUTE AND CHRONIC) AND EYE. PRODUCES NARCOTIC EFFECTS BY INHALATION. DAMAGE TO LIVER, BLOOD AND KIDNEYS. HAS DAMAGING EFFECT ON CENTRAL NERVOUS SYSTEM.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: USE OF ALCOHOL MAY INCREASE

NARCOTIC EFFECTS AND BLOOD EFFECTS OF TOLUENE.

SIGNS & SYMPTOMS OF EXPOSURE: IRRITATION OF EYES, NOSE AND UPPER RESPIRATORY SYSTEM. FATIGUE, WEAKNESS, CONFUSION, EUPHORIA, DIZZINESS, HEADACHE, NAUSEA AND VOMITING.

EMERGENCY FIRST AID PROCEDURES:

SKIN CONTACT: WASH AFFECTED AREA WITH COPIOUS AMOUNTS OF SOAP AND WATER.

EYE CONTACT: FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES.

INHALATION: REMOVE TO FRESH AIR. GIVE OXYGEN OR ARTIFICIAL RESPIRATION, AS NEEDED.

INGESTION: DO NOT INDUCE VOMITING. CALL A PHYSICIAN. SEEK MEDICAL TREATMENT IF DISCOMFORT PERSISTS.

SECTION VI - REACTIVITY DATA

STABILITY: STABLE

CONDITIONS TO AVOID: SOURCES OF IGNITION

INCOMPATIBILITY: OXIDIZING MATERIALS

HAZARDOUS DECOMPOSITION PRODUCTS: CARBON MONOXIDE, CARBON DIOXIDE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SECTION VII - SPILL OR LEAK PROCEDURES

EMERGENCY SPILL PROCEDURE: WEAR SELF CONTAINED BREATHING APPARATUS, RUBBER BOOTS AND GLOVES. TURN OFF ALL SOURCES OF IGNITION. ABSORB ALL INERT MATERIAL AND COLLECT FOR DISPOSAL. WASH AND VENTILATE SPILL SITE AFTER PICKUP IS COMPLETE.

WASTE DISPOSAL METHOD: BURN IN A SUITABLY EQUIPPED CHEMICAL INCINERATOR. DISPOSAL MUST COMPLY WITH FEDERAL, STATE AND LOCAL REGULATIONS.

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SECTION VII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: OSHA/MSHA APPROVED RESPIRATOR

VENTILATION: LOCAL EXHAUST

PROTECTIVE GLOVES: IMPERVIOUS

EYE PROTECTION: SAFETY GOGGLES

OTHER PROTECTIVE EQUIPMENT: SAFETY SHOWER AND EYE BATH, FACE SHIELD, PROTECTIVE CLOTHING.

SPECIAL PRECAUTIONS:

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: STORE MATERIAL IN COOL PLACE. KEEP STORAGE CONTAINER TIGHTLY CLOSED. AVOID PROLONGED OR FREQUENT EXPOSURE. WASH THOROUGHLY AFTER HANDLING.

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