

COMPANY IDENTITY: H & B Industries
PRODUCT IDENTITY: HB-8119 Glue Remover

DATE: 02/05/05
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MATERIAL SAFETY DATA SHEET

APPROVED BY U S LABOR DEPT, ESSENTIALLY SIMILAR TO FORM OSHA 174
IMPORTANT; Read this MSDS before handling & disposing of this product.
Pass this information on to employees, customers, & users of this product,

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT IDENTITY; HB-8119 Glue Remover
NAME; H & B Industries, Inc. ADDRESS: 9758 Abernathy Ave.
CITY: Dallas, TX 75220 PHONE : 214-350-1984
INFOTRAC PHONE: 1-800-535-5053

SECTION 2. INGREDIENT & REGULATORY INFORMATION

All components of this product are on the TSCA list.

SARA Title III Section 313 Supplier Notification

This product contains the indicated <*> toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning & Community Right-To-Know Act of 1986 & of 40 CFR 372. This information must be included in all MSDSs that are copied and distributed For this material~

CAS# WT. % -MEG. SECTION)
108-88-3 81 (311,312,313,RCRA) 18 (311,312,313,RCRA)

SARA TITLE III INGREDIENTS	TWA + (OSHA)	RQ (LBS)
*Toluene		1000
Methyl Ethyl Ketone	78-93-3 100 ppm	5000
SARA SECTION 311/312 HAZARDS: Acute	Health, Fire 200 ppm	
MATERIAL	CAS # CEILING	
Toluene	108-88-3 300 ppm	
Methyl Ethyl	78-93-3 None Known	
MATERIAL	CAS # LOWEST KNOWN LC50 (VAPORS)	
Toluene	108-88-3 2000 ppm (Rats)	
Methyl Ethyl Ketone	78-93-3 LOWEST KNOWN LD50 (SKIN)	
MATERIAL	CAS # 4000.0 mg/kg (Rabbits)	
	108-88-3 0	
Toluene	78-93-3	
	108-B8-3	
Methyl Ethyl Ketone		

Toluene
HAZARDS: HEALTH (NFPA) 2

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SECTION 2, INGREDIENT & REGULATORY INFORMATION (CONT.)

CALIFORNIA PROPOSITION 65: This product contains the following chemical known to the State of California to cause reproductive toxicity:
Toluene

DOT SHIPPING NAME: Compound Cleaning, Liquid (NA1993)
DOT DRUM LABEL: Flammable Liquid

SECTION 3. HAZARDS IDENTIFICATION

THRESHOLD LIMIT VALUE: 110 ppm (Evaporated Bl2nd)
CONTAINS: TOLUENE, METHYL ETHYL KETONE

WARNING!
FLAMMABLE!!
ACUTE HAZARDS

EYE & SKIN CONTACT

Primary irritation to skin, defatting, dermatitis. Absorption thru skin increases exposure.

Primary irritation to eyes, redness, tearing, blurred vision.

Liquid can cause eye irritation. Wash thoroughly after handling.

INHALATION:

Anesthetic. Irritates respiratory tract. Acute overexposure can cause serious nervous system depression. Vapor harmful.

Acute overexposure can cause damage to kidneys, blood, nerves, liver & lungs.

SWALLOWING

Harmful or fatal if swallowed. Swallowing can cause abdominal irritation, nausea, vomiting & diarrhea.

SUBCHRONIC HAZARDS/CONDITIONS AGGRAVATED

SUBCHRONIC HAZARDS

Absorption thru skin may be harmful. Studies with laboratory animals indicate this product can cause damage to fetus.

Chronic overexposure can cause damage to kidneys, blood, nerves, liver & lungs.

CONDITIONS AGGRAVATED:

Persons with severe skin, liver, heart, lung or kidney problems should avoid use.

CHRONIC HAZARDS

CHRONIC HAZARD

This product has no carcinogens listed by IARC, NTP, NIOSH, OSHA or AC61H, as of this date, greater or equal to 0.1%. This product may contain less than 100 ppm of Benzene. Not considered hazardous in such low concentrations.

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SECTION 4. FIRST AID MEASURES PROCEDURES

EYE CONTACT:

For _{eyes}, immediately flush with plenty of water for 15 minutes & CALL A PHYSICIAN.

SKIN CONTACT:

In case of contact with skin, immediately remove contaminated clothing. Wash thoroughly with soap & water. Wash contaminated clothing before reuse, (Discard contaminated shoes.)

INHALATION:

After high vapor exposure, remove to fresh air. If breathing is difficult, give oxygen. If breathing has stopped give artificial respiration, CALL A PHYSICIAN immediately!

SWALLOWING

If swallowed, CALL A PHYSICIAN IMMEDIATELY! Never give anything by mouth to an unconscious person.

SECTION 5. FIRE FIGHTING MEASURES

LOWER FLAMMABLE LIMIT IN AIR (% by
FLASH POINT (TEST METHOD): -2 C /
FLAMMABILITY CLASSIFICATION: Class

vol): 1.5
28 F (TCC) (Lowest Component)
I B

EXTINGUISHING MEDIA

NFPA Class 8 extinguishers(Carbon Dioxide or foam)for Class I B liquid fires.

SPECIAL FIRE FIGHTING PROCEDURES

Water _{spray} may be ineffective on & fire but can protect fire-fighters cool closed containers, Use fop nozzles if water is used.

Do not enter confined fire-space without full bunker gear.

(Helmet with face shier₈,bunker coats, gloves & rubber boots).

Use NIDSH approved positive-pressure self-contained breathing apparatus.

UNUSUAL EXPLOSION AND FIRE PROCEDURES

FLAMMABLE!!

Keep container tightly closed.

Isolate from oxidizers, heat, sparks· electric equipment & open flame.

Closed containers may explode if exposed to extreme heat.

Applying to hot surfaces requires special precautions.

_{Empty} container very hazardous! Continue all .label precautions!

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SECTION ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES

Stop spill at source. Dike area & contain. Clean up remainder with absorbent materials. Mop up & dispose of. Persons without proper protection should be kept from area until cleaned up.

WASTE DISPOSAL METHOD

Recycle or dispose of observing local, state & Federal health, safety & pollution laws. If questions exist, contact the appropriate agencies.

OTHER PRECAUTIONS

None.

SECTION 7. HANDLING AND STORAGE

HANDLING

Isolate from oxidizers, heat, sparks, electric equipment & open flame. Use only with adequate ventilation. Avoid breathing of vapor or spray mist. Avoid contact with skin & eyes.

Wear OSHA Standard goggles or face shield. Consult Safety Equipment Supplier. Wear gloves, apron & footwear impervious to this material. Wash clothing before reuse.

Avoid free fall of liquid. Ground containers when transferring. Do not flame cut, saw, drill, braze, or weld. Empty container very hazardous! Continue all label precautions!

STORAGE

Do not store above 49 C/120 F. Store large amounts in structures made for OSHA Class I B liquids. Keep container tightly closed & upright when not in use to prevent leakage,

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

EXPOSURE CONTROLS

Ventilate to keep vapors of this material below 55 ppm. If over TLV in accordance with 29 CFR 1910.134, use NIOSH approved positive-pressure self-contained breathing apparatus. Consult Safety Equipment Supplier. Use explosion-proof equipment.

VENTILATION

LOCAL EXHAUST	Necessary
MECHANICAL (GENERAL)	Acceptable
SPECIAL	None
OTHER	None

PERSONAL PROTECTIONS:

Wear OSHA Standard goggles or face shield. Consult Safety Equipment Supplier, Wear gloves, apron & footwear impervious to this material. Wash clothing before reuse.

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SECTION 9. PHYSICAL DATA

APPEARANCE : Liquid, Water-White
ODOR Ketone
BOILING RANGE : 78 105 111 C / 174 222 232 F
GRAVITY @ 60 F :
API ;: 33.6
SPECIFIC GRAVITY (Water=1) .857
POUNDS/GALLON 7.139
VOC`S (VAPOR PRESSURE >0,44 LBS/SQ LN) (LBB/GAL) 7.139
TOTAL VOLATILE ORGANIC COMPOUNDS (TVOC) (g/L) 857.0
NONEXEMPT VOLATILE ORGANIC COMPOUNDS (CVOC) (g/L) 857.0
VAPOR PRESSURE (mm of Hg)@20 C ^ 31.8
VAPOR DENSITY (air=1) : 3.0
WATER ABSORPTION : Appreciable
% VOLATILE BY VOL : 100.0 SOLVENCY PARAMETERS:
HKB (Hydrogen Bonding) 20.3
PKB (Polarity) : 41.6
DKB (Dispersion) 38.1
REFRACTIVE INDEX 1.472
MIXED ANILINE POINT (Acid Inso}): 8 C / 48 F

SECTION 10. REACTIVITY DATA

STABILITY

Stable

CONDITIONS TO AVOID

Isolate from oxidizers heat, sparks, electric equipment & open flame.

MATERIALS VO AVOID

Isolate from strong oxidizers such as permanganates, chromates & peroxides.

HAZARDOUS DECOMPOSITION PRODUCTS

Carbon Monoxide, Carbon Dioxide from burning.

HAZARDOUS POLYMERIZATION

Will not occur.

NOTICE

The supplier disclaims all expressed or implied warranties of merchantability or fitness for a specific use, with respect to the product or the information provided herein, except for conformation to contracted specifications.

All information appearing herein is based upon data obtained from manufacturers and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency.

Conditions of use are beyond our control, and therefore users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product. Users also assume all risks in regards to the publication or use of, or reliance upon, information contained herein.

This information relates only to the product designated herein, and does not relate to its use in combination with any other material or process.