



Green Tech

International Adhesives Manufacturing Co.



MATERIAL SAFETY DATA SHEET

REVISION DATE: 04/01/2018

SUPERSEDES: 04/02/2008

CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Company Name : GREEN TECH INTERNATIONAL ADHESIVES MANUFACTURING CO.
Address :

H S CODE :
UN No. : None Allocated
PRODUCT NAME : GEE FIX 81-10
CHEMICAL NAME : DUCT LINER GLUE 81-10
SOLID/LIQUID/GAS : LIQUID
PRODUCT DESCRIPTION : Synthetic based one component adhesives
TECHNICAL NAME : Solvent Based Adhesive

COMPOSITION / INFORMATION ON INGREDIENTS

Unlisted ingredients are not hazardous per the occupational safety and health administration hazard communication standard

Chemical Name	CAS #	PERCENT
N-Hexane	110-54-3	20%
Toluene	108-88-3	35%
C14-17, Chlorinated Paraffin	85535-85-9	4%
Styrene Butadiene Rubber	9003-55-8	15%
Hydro Carbon Resin – C9	64742-16-1	26%

HAZARDS INDEX

PHYSICAL APPEARANCE : Clear to amber, sticky resin
VOC (Volatile Organic Compound) : 490 grams/liter

POTENTIAL HEALTH EFFECTS:

- Extremely flammable
- Can cause eye irritation and skin irritation
- Moderate respiratory tract irritation
- Harmful if swallowed
- Inhalation of vapors may cause loss of feeling and weakness in the hand and feet and loss of manual dexterity, inhalation of high concentrations may result in central nervous system effects such as dizziness, weakness, fatigue, nausea, headache, and lack of coordination



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TOXICITY:

Unless listed below, this product does not contain toxic chemical

Chemical Name	CAS	%
N-Hexane	110-54-3	50-70
Toluene	108-88-3	1-5

FIRST AIR MEASURES

IF IN EYES

Immediately flush eyes with plenty of water for at least 20 minutes retracting eyelids often. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get immediate medical attention and monitor the eye daily as advised by your physician.

IF IN SKIN

Wash with soap and water. Remove contaminated clothing and launder. Get medical attention if irritation develops or persist.

IF VAPORS INHALED

Move to fresh air, restore breathing. If necessary call a physician if symptoms persist.

IF SEALLOWED

Do not induce vomiting and seek medical attention immediately. Drink two glasses of water or milk to dilute. Do not give any thing by mouth to an unconscious person. Induce vomiting as a last measure. Induced vomiting may lead to aspiration of the material into the lungs potentially causing chemical pneumonitis that may be fatal.

FIRE FIGHTING MEASURES

FLASH POINT	:	-22 °C, -8F
AUTOIGNITION TEMPERATURE	:	NO DATA AVAILABLE
FLAMMABLE LIMITS-LEL (% IN AIR)	:	NOT APPLICABLE
FLAMMABLE LIMITS-UEL (% IN AIR)	:	NOT APPLICABLE



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EXTINGUISHING MEDIA	:	USE WATER SPRAY, FOAM, DRY CHEMICAL OR CARBO DIOXIDE
UNUSUAL FIRE AND EXPLOSION HAZARDS	:	VAPORS ARE HEAVIER THAN AIR AND CAN TRAVEL TO A SOURCE OF IGNITION AND FLASH BACK
SPECIAL FIRE FIGHTING INSTRUCTION	:	PERSON EXPOSED TO PRODUCTS OF COMBUSTION SHOULD WEAR SELF CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT
HAZARDOUS COMBUSTION PRODUCTS	:	CARBON DIOXIDE, CARBON MONOXIDE, CHLORINE CONTAINING GASES.
EXPLOSING HAZARDES	:	VAPORS MAY FORM EXPLOSIVE MIXTURE WITH AIR.

HANDLING AND STORAGE

HANDLING

Mildly irritating material avoids unnecessary exposure, keep away form heat, sparks and flame. Wash thoroughly after handling. Keep container closed. Drums of this material should be grounded when pouring. Do not cut or weld on or near this container. This product contains as ingredient that may release formaldehyde at heated cure temperatures.

STORAGE

Store in a cool, dry, ventilated location. Keep away from heat, sparks, flames and other sources of ignition. Keep container closed.

PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	:	LIQUID
COLOUR	:	AMBER
ODOR	:	SOLVENT
ODOR THRESHOLD	:	NOT ESTABLISHED
BOILING POINT	:	NOT ESTABLISHED
FREEZING POINT	:	NOT ESTABLISHED
MELTING POINT	:	NOT ESTABLISHED
VAPOR PRESSURE (mm Hg)	:	NOT ESTABLISHED
VAPOR DENSITY	:	NOT ESTABLISHED
EVAPORATION RATE	:	NOT ESTABLISHED

STABILITY AND REACTIVITY

STABILITY

Stable under normal conditions

HAZARDOUS POLYMERIZATION

Will not occur

HAZARDOUS COMBUSTION PRODUCTS

Carbon dioxide, carbon monoxide, chlorine containing gases



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TOXICOLOGICAL INFORMATION

CHEMICAL NAME	LD50/LC50
Hexane	Oral LD 50 Rat = 28710 mg / kg Inhalation LC50 Rat =48000 ppm/4H
Methyl cyclopentane	Not established
Toluene	Oral LD50 Rat=636 mg/kg Inhalation LC50 Rat = 49000 mg/cu m/4H Dermal LD50 Rabbit = 14.1 ml/kg
Heptanes	Inhalation LC50 Rat = 103000v mg/cu m/4H
Chlorinated paraffin	Oral LD50 Rat >21500ml/kg Dermal LD50 Rabbit > 10ml/kg
Cyclohexane	Oral LD50 rat =12705 mg/kg
Calcium carbonate	Oral LD50 Rat=6250mg/kg

DISPOSAL CONSIDERATIONS

This product meets the definition of hazardous waste. It is ignitable waste class D001. Disposal via incineration is recommended.

Land disposal restrictions : Toluene.

TRANSPORT INFORMATION

DANGEROUS GOOD CLASS : 3
UN NO : 1133
PROPER SHIPPING NAME : ADHESIVES, CONTAINING FLAMMABLE LIQUID
PACKING GROUP : III
HAZCHEM CODE : 3[Y]
SPECIFIC GRAVITY : 0.8 +- 0.15
SOLID (% BY WEIGHT) : 20.3
EPG NO : 3C1

MSDS VERSION: 01

MANUFACTURER DISCLAIMER:

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