

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Bead Sealer		
GENERAL USE: For sealing small air leaks between tire bead and the wheel		
PRODUCT DESCRIPTION: Liquid with solvent odor that is black in color		
MANUFACTURER'S : Ningbo Hopson Chemical Industry Co.,Ltd	DATE PREPARED: Jan. 1, 2011	
ADDRESS: No.7 Green Plaza, Siming Rd Ningbo, Zhejiang, 315100, China	FOR INFORMATION, CONTACT: 0086-574-88225902;	
	EMERGENCY TEL: 0086-574-88225902	

SECTION 2 - HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS	% (by weight)	C A S	TLV UNITS	Hazard Symbol	RISK PHRASES (Full Text Section 16)
Toluene	40 - 65%	108-88-3	100 PPM	Flammable-Irritant	
Heptane	30 - 40%	142-83-5	400 PPM	Flammable-Irritant	

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW	
Contact with eyes will cause irritation. Contact with skin may cause irritation.	
ACCUTE EFFECTS OF OVEREXPOSURE:	
Inhalation:	May cause dizziness
Skin:	May cause irritation upon prolonged or repeated contact
Eyes:	May cause eye irritation.
Ingestion:	May cause irritation of gastrointestinal tract.
CHRONIC EFFECTS OF OVEREXPOSURE:	
N/A	
OTHER HEALTH HAZARDS:	
N/A	

SECTION 4 - FIRST AID MEASURES

INHALATION:	If difficulty breathing, dizziness, or lightheadedness is experienced, remove victim to fresh air. If continued breathing difficulties occur, administer oxygen and seek immediate medical attention.
SKIN:	Wash with soap and large quantities of water. If irritation persists, seek medical attention.
EYES:	Flush with large quantities of clean water for at least 15 minutes. Seek medical attention.
INGESTION:	Do NOT give anything by mouth or induce vomiting. Seek immediate medical attention.

SECTION 5 - FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Foam, CO₂, Dry Chemical, Fire Fighting Apparatus
Autoignitor 475° - 500° F

FIRE FIGHTING PROCEDURES: Use of self contained breathing apparatus is recommended for fire fighters

UNUSUAL FIRE AND EXPLOSION HAZARDS: Extremely flammable and may be ignited by heat, sparks, flame, or other source of ignition.
Closed containers can explode due to buildup of pressure when exposed to extreme heat.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
COMBUSTIBLE - Evacuate and ventilate area; remove all sources of sparks, ignition, and open flames; confine and absorb into approved absorbent; place material into approved containers for disposal following all Local, State, and Federal regulations; Do NOT wash to sewer or waterway. Note: Small amounts may be taken up with inert material.

SECTION 7 - HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:
This material is combustible. It should be stored in tightly closed containers in a cool, well ventilated area. Vapors may form explosive mixtures in air. All sources of ignition should be controlled. Keep this and other chemicals out of reach of children.
Avoid inhaling concentrated fumes or vapors.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

HAZARDOUS COMPONENTS	NIOSH				ACGI			
	TWA ppm	TWA mg/m3	STEL ppm	STEL mg/m3	TWA ppm	TWA mg/m3	STEL ppm	STEL mg/m3

Toluene	100							
PPM Heptane	400							
PPM								

PERSONAL PROTECTION:

Respiratory Protection: Use NIOSH approved cartridge or gas mask.

Ventilation: Refer to 29 CFR 1910.134 or European Standard EN 149 for complete regulations.
Mechanical ventilation to keep product within specified TLV ranges.

Protective Gloves: Imperable gloves advised.

Eye Protection: Protective eyeglasses or chemical safety goggles.

Other: Refer to 29 CFR 1910.133 or European Standard EN 166.
Work clothes

Work / Hygienic Practices: Practice safe workplace habits. Minimize body contact with this product.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: liquid with solvent odor that is black in color	VAPOR PRESSURE AT 20°C: C: 100°F
BOILING POINT / RANGE:	SPECIFIC GRAVITY: 1.08
210° F FREEZING POINT: N/A	SOLUBILITY IN WATER 0.8 (% by weight): N/A
FLASH POINT (Test Methods):	V.O.C.:
16° F TCC D56 FLAMMABLE LIMITS IN AIR (% by volume):	VAPOR 75 - 90%
EVAPORATION RATE:	D

1 minute 05 seconds

SECTION 10 - STABILITY AND REACTIVITY

STABILITY:	UNSTABLE:	CONDITIONS	TO
INCOMPATIBILITY (Materials to Avoid):	AVOID: STABLE:	X	
strong acids, alkalis & oxidizers HAZARDOUS COMBUSTION or			
HAZARDOUS POLYMERIZATION:	no degradation data available WILL NOT OCCUR: x	CONDITIONS TO AVOID:	alkalies

SECTION 11 - TOXICOLOGICAL INFORMATION

HAZARDOUS COMPONENTS	CAS#	LD50 OF INGREDIENT	LC50 OF INGREDIENT
Toluene	EINECS # 108-88-388-3	(Specify Species and LD 50 oral)	acute 636 mg/k
		gas LS	acute 49000 mg/3-4 hr
		53	
		Refer to the emergency overview	
		hazards identification in Section 3	

SECTION 12 - ECOLOGICAL INFORMATION

No data are available on the adverse effects of this material on the environment. Neither COD nor BOD data are available. Based on the chemical composition of this product, it is assumed that the mixture can be treated in an acclimatized biological waste treatment plant system in limited quantities. However, such treatment should be evaluated and approved for each specific

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of in accordance with Local, State, and Federal Regulations. This product may produce hazardous vapors or fumes in a closed disposal container creating a dangerous environment. Refer to "40 CFR Protection of Environment Parts 260 - 299" for complete waste disposal regulations. Consult your local, state, or federal

SECTION 14 - TRANSPORT INFORMATION

PROPER SHIPPING NAME: Flammable Liquids NOS	IATA HAZARD CLASS/Pack Group: PG
DOT HAZARD CLASS / Pack Group: 3 Flammable liquids / II	II IMDG HAZARD CLASS:
REFERENCE:	RID/ADR Dangerous Goods Code:
UN / NA IDENTIFICATION NUMBER:	UN TDG Class / Pack Group: 3 / PG II
LABEL: UN 1993	
HAZARD SYMBOLS:	
Note: Transportation information if for reference of flammable liquids	

SECTION 15 - REGULATORY INFORMATION

TSCA (USA - Toxic Substance Control Act)

All components of this product are listed on the U.S. Toxic Substance Control Act Chemical Inventory (TSCA Inventory) or are exempted from listing because a Low Volume Exemption has been granted in accordance with 40 CFR 723.50.

SARA TITLE III (USA - Superfund Amendments and Reauthorization Act)

311/312 Hazard Categories: extreme hazardous substance list

Immediate health in 49 cfr

313 Reportable Ingredients: listed as Irritant / Flammable

None

CERCLA (USA - Comprehensive Response Compensation and Liability

Act) None reportable Toluene 1000 lb.

CPR (Canadian Controlled Products Regulations)

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

IDL (Canadian Ingredient Disclosure List)

Components of this product identified by CAS number are listed on the Canadian Ingredient Disclosure List are shown in Section 2.

RISK PHRASES:

R36 / 38

IRRITATING TO EYES & SKIN

SYMBOL(S) REQUIRED FOR LABEL:

FLAMMABLE



NT



SAFETY PHRASES:

Keep away from extreme heat and open flame

SECTION 16 - OTHER INFORMATION

NOTES & FULL R-PHRASE

TEXT: R36/38 Irritating to eyes

HMIS HAZARD RATINGS:

HEALTH 2

FLAMMABILITY 3

REACTIVITY 0

PERSONAL PROTECTIVE EQUIPMENT A

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the materials if reasonable safety procedures are not adhered to as stipulated in the data sheet.