

MATERIAL SAFETY DATA SHEET

BLUE STAR PRODUCTS INC.  
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 631-231-5222

DATE: 02/01/04

SECTION 1- IDENTIFICATION

MSDS NO: 85-KEW  
 IDENTITY : Incast  
 PRODUCT TYPE: Epoxy Resin  
 PRODUCT USE: Windshield Saver (#341)

HMIS Hazard Codes  
 Health: 2 Moderate  
 Flammability: 1 Slight  
 Reactivity: 0 Minimal  
 Personal Protective Equipment: H

SECTION 2- HAZARDOUS INGREDIENTS

Ingredient <u>Material Description</u>	Percent <u>by weight</u>	<u>CAS Number</u>
Epoxy Resin	50%	25068-38-6
Oxirane	50%	2210-79-9

SECTION 3- PHYSICAL DATA

Boiling Range: N/A to N/A deg Freezing Point: N/A deg F  
 Vapor Pressure: N/A mm @ 20 deg C Vapor Density: N/A (lighter than air)  
 Specific Gravity: 1.11 H2O Solubility: Slight (0.1-1.0%)  
 Evaporation Rate: Slower % Volatile by Volume: N/A %  
 (relative to n-butyl acetate)  
 Appearance and Odor: Clear to Pale Yellow Liquid, Slight Odor

SECTION 4- FIRE and EXPLOSION HAZARD DATA

Flash Point: 480. deg F Explosive Limits: LEL UEL (% vol in air)  
 (Method Used) Pensky -Martens N/A N/A

FLAMMABILITY CLASSIFICATION

OSHA: Combustible Liquid - Class 111B DOT: Not Regulated  
 EXTINGUISHING MEDIA: Water Fog, Foam, Carbon Dioxide (CO2), Dry  
 Chemical, Sand.

SPECIAL FIRE FIGHTING PROCEDURE: Use water fog to cool containers,  
 wear protective clothing, fight fire from safe distance, close all  
 valves to the area, shut off all power to the area, emergency  
 lights must be turned on. Self contained breathing apparatus to be  
 used. Under fire conditions irritating and/or toxic gases may be  
 present.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

SECTION 5- TOXICOLOGICAL INFORMATION

Ingredient <u>Material Description</u>	OSHA	ACGIH	LD50 (mg/kg)		LC50 (ppm)	
	PEL	TLV (twa)	(rat)	(rbt)	(rat)	
	mg/m3	ppm	ORAL	DERMAL	INHAL	
Epoxy Resin	N/A	N/A	N/A	11400	17094	N/A
Oxirane	N/A	N/A	N/A			N/A

## SECTION 6- HEALTH HAZARD DATA

### EFFECTS OF OVEREXPOSURE:

Vapors may irritate respiratory Tract. Contact irritating to eyes. Moderately irritating to skin. May cause skin sensitization and other allergic responses.

### EMERGENCY AND FIRST AID PROCEDURE:

Move to fresh air. Apply artificial respiration if necessary. Wash skin with soap and water or water less hand cleaners. Remove contaminated clothing. Do NOT induce vomiting. Flush eyes with water for 15 minutes, get medical attention.

## SECTION 7- REACTIVITY DATA

STABILITY: Stable

STABILITY CONDITIONS TO AVOID:

INCOMPATIBILITY (Materials to avoid contact with):

Strong oxidizing agents, Strong acids, Strong bases and/or concentrated alkali.

HAZARDOUS DECOMPOSITION PRODUCTS:

Oxides of Carbon, Aldehydes, toxic monomer fumes and/or short chain hydrocarbons.

HAZARDOUS POLYMERIZATION: Will not occur

## SECTION 8- SPILL OR LEAK PROCEDURES

### STEPS FOR MATERIAL SPILLAGE:

Absorb with sand and dispose of in an approved manner. Remove all sources of ignition. Wear protective clothing. Dike area with sand to contain spilled liquid. Prevent spillage from entering underground water systems. Ventilate area. Flush area with water but do not flush to sewer. Remaining material may be emulsified with soap and water and absorbed. Scoop up contaminated soil and place in dry drums.

### WASTE DISPOSAL METHODS:

Incinerate in approved manner.

Dispose of in accordance with local regulations.

## SECTION 9- SPECIAL PROTECTIVE INFORMATION

VENTILATION: Provide adequate cross air circulation.

PROTECTIVE GLOVES: Gloves resistant to chemical penetration.

EYE PROTECTION: Splash proof safety goggles.

## SECTION 10- SPECIAL PRECAUTIONS

HANDLING AND STORAGE PRECAUTIONS: Store in a cool dry place. Wash thoroughly after handling. Avoid prolonged breathing or contact with skin.

Proper shipping name:

Hazard Class:

UN/na

Labels:

Reportable Quantity:

02/01/04 MSDS# 85-KEW