

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard (HCS), 29 CFR 1910, 1200. Standard must be consulted for specific requirements.

		HMIS	NFPA	NFPA RATING
HEALTH	2	SEVERE	4 EXTREME	FIRE 1
FLAMMABILITY	1	SERIOUS	3 HIGH	REACTIVITY 0
REACTIVITY	0	MODERATE	2 MODERATE	TOXICITY 2
		SLIGHT	1 SLIGHT	SPECIAL c
		MINIMAL	0 INSIGNIFICAN	

NE = Not Established; NA = Not Applicable

Evaluation for OSHA HCS Hazardous Non-Hazardous

I. GENERAL INFORMATION

Product Name TOUGH SEAL WB (Part B)	Emergency Telephone Number 1-800-535-5053
Chemical Family MIXTURE	Telephone Number for Information 770-479-1764
Manufacturer EZCHEM, Inc. 141 RAILROAD St., SUITE 117 CANTON, GA 30114	Date Prepared 3-3-09
	Signature of Preparer Robert Levetan
	Date Last Revised

II. HAZARDOUS INGREDIENTS

Principal Hazardous Components	Threshold Limit Value (Units)
Glycidoxypropyl trimethoxysilane (2530-83-8)	NE
2,butoxy ethanol (111-76-2)	50 ppm

III. PHYSICAL DATA

Boiling Point (°F)	~212° F	Specific Gravity (H₂O=1)	~1.04
Vapor Pressure (mm Hg)	NE	Percent Volatile By Volume	NA
Vapor Density (Air=1)	>1	Evaporation Rate (H₂O=1)	~1
Solubility in Water	partial	pH	NA

Appearance & Odor: Clear straw color liquid with slight solvent odor

IV. FIRE & EXPLOSION HAZARD DATA

Flash Point (Test Method): >140° F (TCC)

Flammable Limits: LEL NE UEL NE

Extinguishing Media: Water, dry chemical, CO2, foam

Special Fire Fighting Procedures: Wear self contained breathing apparatus and protective clothing. Cool containers with water spray.

Unusual Fire & Explosion Hazards: None known

V. HEALTH HAZARD DATA

OSHA Permissible Exposure Limit NE

ACGIH Threshold Limit Value NE

Carcinogen - NTP Program NO

Carcinogen - IARC Program NO

Symptoms of Over Exposure: EYES: Irritation, redness. – INHALATION: Irritation to nose and throat, possible headache. – INGESTION: Nausea, headache, stomach upset. Product may generate methanol which can cause blindness. – SKIN: Mild irritation, drying.

Medical Conditions Aggravated by Exposure: Skin sensitivity.

Primary Route(s) of Entry: Skin

Emergency First Aid: EYES: Flush with water for 15 minutes, lifting both eyelids. If irritation persists, GET MEDICAL HELP. INGESTION: Do Not Induce Vomiting. Rinse mouth with water and GET IMMEDIATE MEDICAL HELP. Never give anything by mouth to an unconscious person.

INHALATION: Remove to fresh air immediately. If breathing difficulties continue, GET MEDICAL HELP.

SKIN: Wash with soap and water. Remove and launder contaminated clothing before reuse.

VI. REACTIVITY DATA

Stability

Unstable Stable

Conditions to Avoid: High temperatures

Incompatibility

Materials to Avoid: Strong oxidizing agents. Water can cause methanol liberation.

Hazardous Polymerization

Yes No

Conditions to Avoid: NA

Hazardous Decomposition Products: CO, organic vapors.

VII. ENVIRONMENTAL PROTECTION PROCEDURES

Spill Response: Extinguish all flames. Wear protective gloves. Absorb on absorbent material and place in a sealable can.

Waste Disposal Method: Seal can and dispose of in accordance with local and federal regulations.

VIII. SPECIAL PROTECTION INFORMATION

Eye Protection: Goggles

Skin Protection: Solvent resistant gloves

Respiratory Protection (Specific Type): NA

Ventilation Recommended:

General Mechanical

Local Exhaust

Other Protection: None

Hygienic Practices in Handling & Storage: Wash hands after using. Do not contaminate food or feed stuff.

Precautions for Repair & Maintenance of Contaminated Equipment: Flush thoroughly with water.

Other Precautions: Read all label directions and precautions. Keep from freezing.

IX TRANSPORT INFORMATION

Identification Number

NA – Non-hazardous

Proper shipping name

NA

Class/Division

NA

Packaging Group

NA