

MATERIAL SAFETY DATA SHEET

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION	SECTION 1	- CHEMICAI	PRODUCT A	ND COMPANY	IDENTIFICATION
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PRODUCT NAME: EFI EDGH IDENTIFICATION NUMBER: WA 3200 PRODUCT USE/CLASS: Coating

EFI EDGE HARDENER WA 3200 WA 3200 Coating

SUPPLIER

efi Polymers 3875 Steele Street, Unit E EMERGENCY: 800-255-3924 Chem-Tel INFORMATION: 303-333-1876 ABEB: Cathy Criffith, DHONE, 207,277

PREPARER: Cathy Griffith, PHONE: 303-333-1876, PREPARE DATE: 06/03/02

	SECTION 2 – COMPOSITION/INFORMATION ON INGREDIENTS					
ITEM ————————————————————————————————————				WT/WTS		
01 02						
	EXPOSURE LIMITS					
ITEM	ACGIH TLV-TWA	TLV-STEL	OS PEL-TWA	HA PEL-CEILING	COMPANY TLV-TWA	SKIN
01 02 (See Sect	100ppm N.E. ion 16 for abbre	150ppm N.E. eviation legend	100ppm N.E.)	N.E. N.E.	100ppm NIOSI N.E.	H YES NO
SECTION 3 – HAZARDS IDENTIFICATION						

EMERGENCY OVERVIEW: Irritation to skin or eyes.

ACUTE EFFECT - EYE CONTACT: Causes eye irritation.

ACUTE EFFECTS – INHALATION: Liquid aspirated into lungs may cause serious injury or death. May cause headaches and dizziness.

ACUTE EFFECTS – INGESTION: May cause nausea and vomiting. Small amounts (a tablespoonful) swallowed during normal handling operations are not likely to cause injury; swallowing amounts larger than that may cause injury.

CHRONIC OVEREXPOSURE EFFECTS: Component(s) in this product showed adverse reproductive effects in animal feeding studies.

OTHER INFORMATION: No information.

PRIMARY ROUTE(S) OF ENTRY: SKIN CONTACT, EYE CONTACT

SECTION 4 – FIRST AID MEASURES

EYE CONTACT: Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

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SECTION 4 – FIRST AID MEASURES

SKIN CONTACT: Wash with soap and water. Get medical attention if irritation develops or persists.

INHALATION: If symptoms occur, remove to fresh air. Medical personnel may administer oxygen if breathing is difficult. Seek medical attention if symptoms persist.

INGESTION: Swallowing less than an ounce will not cause significant harm. For larger amounts, do not induce vomiting, but give one or two glasses of water to drink and get medical attention.

NOTES TO PHYSICIAN: No information.

SECTION 5 – FIRE FIGHTING MEASURES

FLASH POINT: Does not flash

LOWER EXPLOSIVE LIMIT: N/A % UPPER EXPLOSIVE LIMIT: N/A %

AUTOIGNITION TEMPERATURE: No data

EXTINGUISHING MEDIA: Not applicable

UNUSUAL FIRE AND EXPLOSION HAZARDS: Does not burn

SPECIAL FIREFIGHTING PROCEDURES: Does not burn

SECTION 6 – ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Reclaim clean material. Absorb unreclaimed material with inert absorbent. Contaminated material should be swept or shoveled into appropriate waste container and disposed of in accordance with applicable federal, state and local regulations. Wash spill area with dilute detergent solution.

SECTION 7 – HANDLING AND STORAGE

HANDLING: Follow all MSDS/label precautions even after container is emptied because it may retain product residues. Avoid contact with skin and eyes.

STORAGE: Keep from freezing.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: General ventilation usually adequate.

RESPIRATORY PROTECTION: None normally required under general ventilation. If TLV/PEL is exceeded, if use is performed in a poorly-ventilated space, or if inhalation effects occur, use NIOSH-approved vapor cartridge respirator in accordance with applicable health and safety regulations and manufacturer's recommendations.

SKIN PROTECTION: Clean clothing to cover skin. Cloth or synthetic gloves.

EYE PROTECTION: Safety glasses

OTHER PROTECTIVE EQUIPMENT: Accessible eye wash and safety shower.

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STOP NOISE ACOUSTICAL SURFACES INC. Sound Solutions for Over 35 Years Soundproofing Acoustics Noise & Vibration Control

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SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION
HYGIENIC PRACTICES: Follow good general industrial safety practices during use. D not smoke or eat during use.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES					
BOILING RANGE	: 362 –447 F	VAPOR DENSITY	: Is heavier than air		
ODOR	: Mild acrylic	ODOR THRESHOLD	: No data		
APPEARANCE	: Off-white	EVAPORATION RATE	: Is slower than Butyl		
SOLUBILITY IN H2 ₀	: Appreciable		Acetate		
FREEZE POINT	: No data	SPECIFIC GRAVITY	: 1.0445		
VAPOR PRESSURE	: No data	ph @ 100.0 %	: N/D		
PHYSICAL STATE	: Liquid	VISCOSITY	: Low		
COEFFICIENT OF WATE	COEFFICIENT OF WATER/OIL DISTRIBUTION: No data				
(See Section 16 for abbreviation legend)					

(See Section 16 for abbreviation legend)

SECTION 10 - STABILITY AND REACTIVITY

CONDITION TO AVOID: None known

INCOMPATIBILITY: Strong Lewis or mineral acids. Strong bases or oxidants.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

STABILITY: This product is stable under normal storage conditions.

SECTION 11 – TOXICOLOGICAL PROPERTIES					
COMPONENT TOXICOLOGICAL INFORMATION:					
Dipropylene glycol monomethyl ether Dipropylene glycol monobutyl ether	derm (rbt) 20ml/kg No information	No data No information			
SECTION 12 – ECOLOGICAL INFORMATION					
ECOLOGICAL TEST DATA: No information					

SECTION 13 - DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Review all current federal, state, and local regulations regarding health and disposal for appropriate disposal procedures.



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SECTION 14 – TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME DOT TECHNICAL NAME: N/A DOT HAZARD CLASS: N/A DOT UN/NA NUMBER: N/A	HAZAI	RD SUBCLASS: N UP: N/A RESP.			
INTERNATIONAL SHIPPING NA INTERNATIONAL ID NUMBER: IMDG CLASS (1ø, 2ø): IMDG EMS:	N/A IMDG P.		N/A N/A		
SECTION 15 – REGULATORY INFORMATION					
OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200)					
CEERCLA – SARA HAZARD CATEGORY: This product has been reviewed, and is considered, under applicable definitions, to meet the following categories: IMMEDIATE HEALTH HAZARD CHRONIC HEALTH HAZARD					

SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 and 40 CFR part 372:

CHEMICAL NAME	CAS NUMBER	WT/WT %
Dipropylene glycol monomethyl ether	34590-94-8	5.0
Dipropylene glycol monobutyl ether	29911-28-2	5.0

TOXIC SUBSTANCES CONTROL ACT:

The chemical substances in this product are on the TSCA Section 8 Inventory.

This product contains the following chemical substances subject to the reporting requirements of TSCA 12 (B) if exported from the United States:

----- CHEMICAL NAME ----- CAS NUMBER No components found.

CANADIAN WHMIS: This MSDS has been prepared in compliance with Controlled Product Regulations except for use of the 16 headings. CANADIAN WHMIS CLASS: D2B

COMPONENT RCRA CLASSIFICATIONS: No information. COMPONENT RCRA CODES: No information. CERCLA RQ VALUE (MINIMUM): No information.

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SECTION 16 – OTHER INFORMATION				
HMIS RATINGS – HEALTH: 1	FLAMMABILITY: 0	REACTIVITY: 0		
PREVIOUS MSDS REVISION DATE: REASON FOR REVISION DATE: New format				

VOLATILE ORGANIC COMPOUNDS (VOCS): 37 grams/ltr (calculated)

DISCLAIMER: To the best of our knowledge, the information contained in this MSDS is accurate or is obtained from sources believed to be accurate. However, no liability, expressed or implied, is assumed for the accuracy or completeness of the information contained herein. Buyer assumes liability in its use of the material.

<End of MSDS>