

# 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
		MINIMAL	0 INSIGNIFICAN	

NE = Not Established; NA = Not Applicable

Evaluation for OSHA HCS  Hazardous  Non-Hazardous

## I. GENERAL INFORMATION

<b>Product Name</b> POLYCOAT (Part A)	<b>Emergency Telephone Number</b> 1-800-535-5053
<b>Chemical Family</b> Aspartic ester	<b>Telephone Number for Information</b> 770-479-1764
<b>Manufacturer</b> EZCHEM, Inc. 141 RAILROAD St., SUITE 117 CANTON, GA 30114	<b>Date Prepared</b> 3-23-09
	<b>Signature of Preparer</b> Robert Levetan
	<b>Date Last Revised</b>

## II. HAZARDOUS INGREDIENTS

Principal Hazardous Components	Threshold Limit Value (Units)
Light aromatic solvent (46742-95-6)	100 ppm
Aspartic Ester	NE
Monoaspartate	NE
Aliphatic Carboxylic ester (623-91-6)	NE

## III. PHYSICAL DATA

<b>Boiling Point (°F)</b>	365° F	<b>Specific Gravity (H<sub>2</sub>O=1)</b>	~1.01
<b>Vapor Pressure (mm Hg)</b>	NE	<b>Percent Volatile By Volume</b>	~30
<b>Vapor Density (Air=1)</b>	>1	<b>Evaporation Rate (H<sub>2</sub>O=1)</b>	NA
<b>Solubility in Water</b>	Insoluble	<b>pH</b>	NA

**Appearance & Odor:** Clear liquid with solvent odor

## IV. FIRE & EXPLOSION HAZARD DATA

**Flash Point (Test Method):** 105° F

**Flammable Limits:** LEL 1.00 UEL 7.00

**Extinguishing Media:** Dry chemical, Foam or CO<sub>2</sub>

**Special Fire Fighting Procedures:** Wear self contained breathing apparatus and full protective gear. Cool fire exposed containers with water spray.

**Unusual Fire & Explosion Hazards:** Overheated containers may rupture and emit toxic and flammable solvent fumes.

## 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: Severe irritation, redness. SKIN: Drying and harmful irritation. Potential sensitizer. INGESTION: Nausea, possible CNS depression, diarrhea. INHALATION: Dizziness, nausea, unconsciousness.

**Medical Conditions Aggravated by Exposure:** Breathing problems.

**Primary Route(s) of Entry:** Skin, Inhalation

**Emergency First Aid:** EYES: Flush thoroughly with water for 15 minutes, lifting both eyelids. If irritation persists, GET MEDICAL HELP. INHALATION: Remove to fresh air immediately. If breathing difficulty persists, GET MEDICAL HELP. INGESTION: Do not induce vomiting. Do not give anything by mouth to an unconscious person. GET IMMEDIATE MEDICAL HELP. SKIN: Wash with soap and water. Remove contaminated clothing and launder before reuse.

## VI. REACTIVITY DATA

**Stability**

Unstable  Stable

**Conditions to Avoid:** Temperature above 120 F.

**Incompatibility**

**Materials to Avoid:** Strong oxidizing agents.

**Hazardous Polymerization**

Yes  No

**Conditions to Avoid:** NA

**Hazardous Decomposition Products:** CO, NO<sub>x</sub>, organic vapors and amines.

## VII. ENVIRONMENTAL PROTECTION PROCEDURES

**Spill Response:** Wear protective clothing. Contain the spill and soak up product on absorbent material.

**Waste Disposal Method:** Place in a sealable container and dispose of according to local and federal regulations.

## VIII. SPECIAL PROTECTION INFORMATION

**Eye Protection:** Safety Goggles

**Skin Protection:** Solvent resistant gloves

**Respiratory Protection (Specific Type):** In enclosed areas use NIOSH approved cartridge respirator with solvent cartridge.

**Ventilation Recommended:**

General Mechanical

Local Exhaust

**Other Protection:**

**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 before handling.

**Other Precautions:** Read all label directions and precautions before using.

## IX TRANSPORT INFORMATION

**Identification Number**

NA – Not listed as hazardous.

**Proper shipping name**

NA

**Class/Division**

NA

**Packaging Group**

NA