

MSDS# Pan-Coat Hardener Component  
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# Pan-Coat Hardener Component

## SECTION 1. PRODUCT NAME

Catalog No.  
 Manufacturer: The Marishawn Group, Inc.  
 Address: Airport Fwy., Suite 113-145, Irving TX 75062  
 Chem-Tel Phone: (800) 255-3924 – (Chemical Emergencies Only)  
 Phone Number for Information: (678) 542-3600  
 Fax: (678)-542-3700  
 Date Revised: 2 July, 2008  
 Name of Preparer: Anthony Jernigan

## SECTION 2. HAZARDOUS INGREDIENTS INFORMATION

INGREDIENT	CAS No.	OSHA PEL	ACIGH TLV	OTHER STEL	% or Range
Modified Cycloaliphatic Polyamine	Mixture	N.E.	N.E.		30-40%
Polyamide Resin	Mixture	N.E.	N.E.		45-50%
Diethylene Triamene	111-40-0	1 ppm	1 ppm (skin)		5-10%

## SECTION 3. PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: N.E.	Specific gravity (H2O = 1): 1.01
Vapor pressure (mm Hg): N.E.	Melting Point (Pour Point): N.E.
Vapor Density (Air = 1): N.E.	Evaporation Rate (Butyl Acetate = 1): N.E.
Solubility in water: Moderate	
Appearance and odor: Amber liquid, amine odor	

## SECTION 4. FIRE AND EXPLOSION HAZARD DATA

Flash Point: 230°F/110°C SETA  
 Flammable Limits: None  
 Extinguishing media: Water, carbon dioxide, dry chemical or foam.  
 Special Fire Fighting Procedures: Wear self-contained breathing apparatus and complete personal protective equipment where potential for exposure to vapors or products of combustion exists.  
 Unusual Fire and Explosion Hazards: Decomposition and combustion products may be toxic.

## SECTION 5. REACTIVITY DATA

Stability - Stable  
 Conditions to avoid: Excessive heat  
 Incompatibility (Materials to avoid): Strong oxidizers  
 Hazardous Decomposition or Byproducts: Carbon monoxide, carbon dioxide, aldehydes and oxides of nitrogen.  
 Hazardous Polymerization: Will not occur.

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## SECTION 6. HEALTH HAZARD DATA

Primary Routes of Entry: Inhalation: yes (mists) Skin: yes Ingestion: yes Eyes: no

Health Hazards (acute and chronic):

Eyes: Causes irritation and burns. May cause permanent visual impairment.

Skin: Causes irritation and burns. May be absorbed through skin in harmful amounts.

Inhalation: May cause upper respiratory tract irritation, mucous membrane irritation.

Ingestion: May cause burns of mouth and throat. May cause gastrointestinal irritation or ulceration.

Carcinogenicity: Not listed as a carcinogen

Overexposure Effects: Irritation, sensitization and dermatitis

Medical Conditions Aggravated by Exposure: Contact or breathing mists may exacerbate existing skin or respiratory disorders.

Emergency and First Aid Procedures:

Eyes: Flush with plentiful quantities of water for at least 15 minutes. Get medical attention.

Skin: Remove contaminated clothing. Wash the affected area with mild soap and water.

Inhalation: Remove to fresh air. Give oxygen if breathing is difficult. Get medical attention.

Ingestion: DO NOT induce vomiting. Administer 3-4 glasses of water or milk, and call the nearest poison control center.

## SECTION 7. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED:

Dike spill. Absorb with inert material and collect for disposal. Flush contaminated area with water; prevent washings from entering waterways.

WASTE DISPOSAL METHODS: This product, if disposed as shipped, meets EPA criteria of a hazardous waste as specified in 40 CFR 261 on the basis of corrosivity. Dispose of in a licensed hazardous waste facility in accordance with applicable laws.

## SECTION 8. SPECIAL PROTECTION INFORMATION

Respiratory Protection (Specify Type): NIOSH/MSHA approved respirator with organic vapor cartridge if required.

Ventilation: Mechanical exhaust is not recommended as the sole means of controlling employee exposure. Local exhaust recommended.

Protective Gloves: Impervious gloves.

Eye protection: Chemical splash-proof goggles.

Other Protective Clothing: In operations where contact may occur, coveralls, apron, and impervious foot coverings are recommended.

Precautions to be Taken in Handling and Storage: Keep containers tightly closed when not in use. Wash after handling and before eating, drinking, or smoking.

## SECTION 9. ADDITIONAL INFORMATION

DOT Shipping Classification (49 CFR 172.101): Paint, 8, UN3066, III

A safety shower and eye wash facilities should be made available to all employees.

Contaminated clothing should be removed immediately and thoroughly laundered before reuse.

## SECTION 10. MANUFACTURED BY

The Marishawn Group, Inc.

Airport Fwy., Suite 113-145

Irving, TX 75062

Phone 1+678.542.3600

EMERGENCY Phone No. 1 800-255-3924 Chem-Tel (Chemical Emergencies Only)

## SECTION 11. REFERENCE NUMBER AND DATE OF ISSUE

MSDS Safety Data Sheet: Pan-Coat Hardener Component

Issued 07/02/2008

This information is, to the best of our knowledge and belief, accurate and reliable as of the date completed. However no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the completeness and suitability of such information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information, nor do we offer any warranty against patent infringement.