

MATERIAL SAFETY DATA SHEET

American Textile, LLC
3235 Satellite Boulevard
Building 400, Suite 300
Duluth, Georgia 30096

Polymer 4090

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Date Prepared: 01/16/2010

SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Polymer 4090
Chemical Family: Formulated Vinyl Acetate Ethylene Copolymer
Product Description: Opaque Off-White Liquid

CONTACT:

American Textile, LLC

Tel: (770) 291-2226

Emergency Telephone Numbers:

(24 Hours)

CHEMTREC #

(800) 424-9300

INTERNATIONAL#

(703) 527-3887

Non-Emergency Telephone Numbers:

(8 am - 5 pm, Monday - Sunday)

FOR HEALTH AND SAFETY INFORMATION CALL

(770) 291-2226

SECTION 2 COMPOSITION / INFORMATION ON INGREDIENTS

Components of this mixture may be proprietary information. In case of a medical emergency, compositional information will be provided to a physician or nurse.

| <u>Chemical Name</u> | <u>Wt. %</u> | <u>CAS#</u> |
|----------------------|--------------|-------------|
| Proprietary Polymer | 40% | |

SECTION 3 HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

Eyes: Contact with eyes can cause irritation.

Skin: Prolonged exposure to skin can cause dryness and irritation.

Ingestion: Can cause gastrointestinal irritation.

Inhalation: Can cause nausea, headache or other discomforts. May cause irritation to throat, nose and lungs.

Cancer: 1,3 butadiene and styrene may be considered possible human carcinogens based on animal studies. The concentrations of these products are below the recommended exposure standards and are not expected to pose significant risks when handled appropriately.

SECTION 4 FIRST AID MEASURES

Eyes: Immediately flush eyes with plenty of water for at least 15 minutes. Do not let victim rub eyes. Get medical attention.

Skin: Immediately flush skin with plenty of water. Remove contaminated clothing. Wash clothing before reuse.

Ingestion: If victim is conscious immediately administer large quantities of water. Do not induce vomiting. Get medical attention.

Inhalation: Immediately remove victim to fresh air. If victim has stopped breathing, give artificial respiration, preferably by mouth to mouth. Get medical attention.

SECTION 5 FIRE FIGHTING MEASURES

Flash Point and Method: 212 F, Pensky-Martens Closed Cup

Flammable Limits: ND

Auto Ignition Temperature: ND

| | |
|---------------------------------------|--|
| Hazardous Combustion Products: | None known. |
| Fire Fighting Procedures: | No special procedures required. Use water spray, foam, dry chemical or carbon dioxide. |
| Fire Fighting Equipment: | Wear OSHA/NIOSH approved self-contained breathing apparatus. |
| Fire and Explosion Hazards: | None known. |

SECTION 6 ACCIDENTAL RELEASE MEASURES

Environmental Precautions

| | |
|-------------------------------|--|
| Spill: | Contain spilled material. Transfer to secure containers. Where necessary, collect using absorbent material. |
| Waste Disposal Method: | All recovered material should be packaged, labeled, transported, disposed or reclaimed in conformance with applicable laws and regulations and in conformance with good engineering practices. |

SECTION 7 STORAGE AND HANDLING

| | |
|-----------------------------------|---|
| General Procedures: | Store in cool, dry, well-ventilated area. Avoid open flames or sparks near full or empty drums. Follow good industrial hygiene. Do not freeze. Store above 40°F. Bulk store under humidified air to reduce skin formation on surface. |
| Loading Temperature: | Ambient |
| Storage Temperature: | Ambient – above 40°F |
| Storage/Transport Pressure | Atmospheric |

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

| | |
|---------------------------------|---|
| Engineering Controls: | Use in area with adequate ventilation. If needed, use MSHA-NIOSH approved respirator for mists with TLV greater than 0.05 mg/m ³ |
| Work Hygienic Practices: | Chemical resistant gloves and safety goggles are recommended. |
| Other Use Precautions: | Eyewash and safety shower should be in area of use. |

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|---------------------------------|---------------------|-----------------------------|-------------|
| Physical State: | Opaque White Liquid | Vapor Pressure: | <17.5 mmHg |
| Vapor Density: | Same as water | Boiling Point: | 212°F |
| Freezing Point: | 32°F | Solubility in Water: | Dispersible |
| Evaporation Rate: | ND | Specific Gravity: | 1.02 |
| Viscosity (CPS at 25°C): | < 100 CPS | pH: | 6.5 |
| Volatiles: | 59 .0 – 61.0% | | |
| Comments: | | | |

SECTION 10 STABILITY AND REACTIVITY

| | |
|----------------------------------|---|
| Hazardous Polymerization: | Will not occur. |
| Conditions to Avoid: | Strong oxidizing agents. |
| Stability: | Stable. |
| Hazardous Decomposition: | CO, CO ₂ , Nox, hydrocarbons |

SECTION 11 TOXICOLOGICAL INFORMATION

No information is available.

SECTION 12 ECOLOGICAL INFORMATION

No information is available.

SECTION 13 DISPOSAL CONSIDERATIONS

Please refer to Sections 5, 6 and 15 for Disposal and Regulatory Information.

SECTION 14 TRANSPORT INFORMATION

Department Of Transportation (DOT): Not Regulated
DOT Hazard Class: NA
DOT Identification Number: NA

SECTION 15 REGULATORY INFORMATION

UNITED STATES

SARA TITLE III:

Under the provisions of Title III, Section 311/312 of the Superfund Amendments and Reauthorization Act, this product is classified into the following hazard categories:

| | | | | |
|-------------|----------------------------|-------------------|--------------|----------------|
| <u>FIRE</u> | <u>PRESSURE GENERATING</u> | <u>REACTIVITY</u> | <u>ACUTE</u> | <u>CHRONIC</u> |
| No | No | No | No | No |

This information may be subject to the provisions of the Community Right to know. Reporting Requirements (40 CFR 370) if threshold quantity criteria are met. This product does not contain Section 313 Reportable Ingredients.

CERCLA:

If this product is accidentally spilled, it is not subject to any special reporting under the requirements of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). We recommend you contact local authorities to determine if there may be other local reporting requirements.

EPA

EPA RQ Ingredient: None

TSCA (Toxic Substance Control Act):

TSCA STATUS: Components of this product are listed.

RCRA STATUS: Not an RCRA waste.

SECTION 16 OTHER INFORMATION

Approval Date: 01/16/2010

Revision Summary

Revision #:

Hazard Rating Systems:

This information is for people trained in;
 National Paint & Coating Association's (NPCA)
 Hazardous Materials Identification System (HMIS)
 National Fire Protection Association (NFPA 704)

Identification of the Fire Hazard of Material

| | NPCA - HMIS | NFPA 704 | KEY |
|----------------------|-------------|----------|---------------------------|
| HEALTH | 1 | | 4 = Severe |
| FLAMMABILITY | 0 | | 3 = Serious |
| REACTIVITY | 0 | | 2 = Moderate |
| PROTECTIVE EQUIPMENT | B | | 1 = Slight 0 = Minimal |

Protective Equipment Index

| | |
|---|--|
| A Safety Eyewear | H Safety Eyewear, Gloves, Apron, Vapor Respirator |
| B Safety Eyewear, Gloves | I Safety Eyewear, Gloves, Dust & Vapor Respirator |
| C Safety Eyewear, Gloves, Apron | J Safety Eyewear, Gloves, Apron, Dust & Vapor Respirator |
| D Eyes & Face Protection, Gloves, Apron | K Supplied-Air Respirator, Gloves, Full Suit, Boots |

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- | | | | |
|---|---|---|--|
| E | Safety Eyewear, Gloves, Dust/Mist Respirator | X | Ask your supervisor for special handling instructions. |
| F | Safety Eyewear, Gloves, Apron, Dust/Mist Respirator | | |
| G | Safety Eyewear, Gloves, Vapor Respirator. | | |

Note:

ND Not determined

NA Not applicable

Revision Summary:

This MSDS has been reformatted to be consistent with ANSI Standard 2400, 1-1993.

Reference Number:

Revised Date:

This information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of our knowledge and belief. Accurate and reliable of the date compiled. 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 suitability and completeness 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 warranty against patent infringement.
