

Product Name: Resin Coloring Paste

Issue Date: 1/01/04

MSDS Number: AK5000

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: Hardrock Resin Coloring Paste

Company Name: M3 Technologies INC

Product Description: Polyester Adhesive & Filler

Product Code: 91000

Chemical Family: Unsaturated Polyester

24 Hour Emergency Telephone Number:

CHEMTREC 800-424-9300

2. COMPOSITION/INFORMATION ON INGREDIENTS

% by Weight CAS Registry Number

Unsaturated Polyester Resin 20 - 75 Mixture

3. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

EYES: May cause irritation. Symptoms include tearing, redness, and discomfort.

SKIN: May cause irritation. Repeated overexposure may lead to defatting of the skin which may lead to dermatitis.

INGESTION: May cause nausea.

INHALATION: Irritation to the nose and throat.

CHRONIC EFFECTS OF OVEREXPOSURE: None known.

4. FIRST AID MEASURES

EYES: Flush with copious amounts of water for 15 minutes. Seek immediate medical aid.

SKIN: Wash with soap and water.

INGESTION: DO NOT INDUCE VOMITING (aspiration hazard). Seek immediate medical aid.

INHALATION: Remove victim from exposure. If victim is unconscious, administer artificial respiration and/or oxygen as needed. Seek medical aid.

5. FIRE FIGHTING MEASURES

Flashpoint: >200F TCC

Flammable Limits: Not Determined

Autoignition Temperature: Not Determine

EXTINGUISHING MEDIA: Carbon Dioxide, dry chemical, water spray, alcohol foam.

EXPLOSION HAZARDS: Closed containers could rupture violently when exposed to the elevated temperatures of fire conditions.

FIRE FIGHTING PROCEDURES: Firefighters and others exposed to vapors or products of combustion should wear selfcontained breathing apparatus and full protective clothing.

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UNUSUAL FIRE & EXPLOSION HAZARDS: Closed Containers could rupture violently when exposed to the elevated temperatures of fire conditions.

6. EXPOSURE CONTROLS/PERSONAL PROTECTION

PERSONAL PROTECTION

RESPIRATORY PROTECTION: If a TLV or PEL listed in Section 2 of this data sheet is exceeded, then suitable respiratory protection must be worn to prevent overexposure.

VENTILATION: General ventilation is required during normal use. Local ventilation may be required during certain

operations to keep exposure levels below the TLV listed in Section 2 of this data sheet.

PROTECTIVE GLOVES: Wear appropriate impervious gloves to prevent skin contact.

EYE PROTECTION: Wear safety glasses, face shield or chemical goggles.

OTHER PROTECTIVE EQUIPMENT: Wear protective clothing to prevent skin contact. Eye wash station and safety shower should be available.

7. PHYSICAL AND CHEMICAL PROPERTIES

Percent Volatile: 1.8

Vapor Pressure mm Hg @20C: Not determined

Boiling Point: >200F TCC

Specific Gravity: 1.40 - 2.40 (water=1)

Vapor Density (Air=1): Heavier than air

Evaporation Rate: Slower than N-Butyl acetate

Appearance: Colored Paste

Odor: Mild

8. STABILITY AND REACTIVITY

STABLE: Yes

CONDITIONS TO AVOID: NA

CHEMICAL INCOMPATIBILITY: Oxidizing agents, peroxides, strong acids.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide, low molecular weight hydrocarbons,

organic acids, nitrogen oxides, ammonia, and sulfur fumes.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Elevated temperatures and sources of ignition.

OXIDIZER: No

9. ENVIRONMENTAL INFORMATION

SPILL OR LEAK PROCEDURES: Soak up with inert material. Scrape into suitable containers. Wash area with warm soapy water.

HAZARDOUS WASTE 40CFR261: No

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10. DISPOSAL CONSIDERATIONS

Incineration in accordance with all local, state, and federal regulations.

For further information, contact your state or local solid waste agency or the United States Environmental Protection

Agency's RCRA hotline (800-424-9346).

11. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

Technical Name: Resin Solution

Hazard Class: Not regulated

NA/UN Number: None

Packing Group: None

Bill of Lading Description: NMFC 46030, Class 55

12. OTHER INFORMATION

HMIS CODES

Fire: 1 Health: 1 Reactivity: 1

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