

**MSDS.303 – MICRO-FINISH™**

Revised: 4.25.04

**EMERGENCY ASSISTANCE**

**For Chemical Emergency Spill, Leak, Fire or Exposure call 24 hours a day: CHEMTREC (800) 424-9300. Outside the U.S. call (703) 527-3887 (Collect calls accepted).**

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: MICRO-FINISH™ Overlay – Part of the Pre-Mixed Overlay System

PRODUCT CLASS: Dry, Redispersible, Cement Based Mortar

C.A.S. NUMBER: Mixture

HMIS Rating: Health 1 Fire 0 Reactivity 0  
 0= least, 1= slight, 2= moderate, 3= high, 4= extreme

SECTION II - INGREDIENTS

INGREDIENTS	CAS#	MAX. CONTENT%	EXPOSURE LIMITS
Modified Co-Polymer	Proprietary	17.0%	None assigned
Vinyl Acetate Monomer	108-05-4	0.10%	10.0 ppm
Portland Cement	65997-15-1	35.0%	None assigned
Quartz Aggregate	14807-60-7	42.0%	None assigned
Calcium Carbonate	1317-65-3	6.0%	None assigned

Hazardous Components (Specific Chemical Identity: Common Name(s)) OSHA PEL ACGIH TLV Other Limits Recommended %(optional)

SECTION II PHYSICAL DATA

APPEARANCE: Fine Powder  
 ODOR CHARACTERISTIC: Odorless  
 SPECIFIC GRAVITY: 1.2  
 VAPOR DENSITY: N/A  
 BOILING POINT: N/A  
 SOLUBILITY IN WATER: Less than 50g/1000 cm<sup>3</sup>  
 VOLATILITY %: 44-46 by weight  
 EVAPORATION RATE: N/A

SECTION III - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION: N/A  
 FLASH POINT: N/A  
 LEL: N/A  
 EXTINGUISHING MEDIA: Non-Flammable  
 UNUSUAL FIRE AND EXPLOSIVE HAZARDS: Non-Flammable  
 SPECIAL FIREFIGHTING PROCUDURES: Non-Flammable

SECTION IV - HEALTH HAZARD DATA

PERMISSIBLE EXPOSURE LEVEL: The ACGIH TLV and OSHA PEL for vinyl acetate are both set at 10 ppm for an 8 hour TWA and at 20 ppm for the STEL

EFFECTS OF OVEREXPOSURE:

- INHALATION: Headache, nausea, irritation of the nose, throat and lungs, vomiting
  - SKIN CONTACT: May cause slight irritation
  - EYE CONTACT: May cause irritation
  - INGESTION: Cause nausea, dizziness and vomiting. Do not induce vomiting. Obtain medical treatment immediately
- MEDICAL CONDITIONS PRONE TO AGGRAVATION BY OVER EXPOSURE: May cause irritation to respiratory tract.  
 PRIMARY ROUTE(S) OF ENTRY: Inhalation, eye. Ingestion is not a normal hazard in industrial use.

EMERGENCY FIRST AID PROCEDURES:

- INHALATION OVEREXPOSURE: Move to fresh air. If breathing stops, give artificial respiration and seek immediate medical attention.
- EYE CONTACT: Flush with large quantities of water for 15 minutes and seek medical attention.
- SKIN CONTACT: Wash thoroughly with soap and water immediately.

**TOXICOLOGICAL INFORMATION & LONG TERM EFFECTS OF OVEREXPOSURE:**

Product contains residual vinyl acetate monomer (108-05-4), an IARC 2B possible human carcinogen. Vinyl acetate vapors have been shown to cause tumors in the respiratory tract of laboratory animals exposed to 600ppm over a lifetime: 200ppm causes irritation. 50ppm produces no observable effects. There is no evidence of adverse effects to human exposed to levels at or below the AGCGIH TLV.

SECTION V - REACTIVITY

STABILITY:	Stable
HAZARDOUS POLYMERIZATION:	Will not occur
HAZARDOUS DECOMPOSITION PRODUCTS:	N/A
CONDITIONS TO AVOID:	N/A
INCOMPATIBILITY: (MATERIALS TO AVOID):	None known

SECTION VI - SPILL OF LEAK PROCEDURES

**STEPS TO TAKE IF MATERIAL IS RELEASED OR SPILLED:** Provide good ventilation. Dike spill area and add absorbent material and place in closed container. Prevent this material from entering water supply.

**WASTE DISPOSAL METHOD:** At this time, this material or its container is not considered hazardous waste as defined under the federal RCRA regulations (40 CFR 261) if discarded. Collect material into metal container and add enough water to cover. Dispose of according to local law.

SECTION VII - SAFE HANDLING AND USE INFORMATION

**RESPIRATORY PROTECTION:** When spraying, use a NIOSH approved cartridge respirator to keep airborne concentrations below the time weighted threshold limit values. When using in poorly ventilated areas, use a fresh air supplying respirator or a self-contained breathing apparatus.

**VENTILATION:** General mechanical ventilation or local. Exhaust should be suitable to keep vapor concentrations below TLV. Ventilation equipment must be explosion proof.

**PROTECTIVE GLOVES:** Impermeable chemical gloves for skin protection.

**EYE PROTECTION:** Use chemical safety glasses, goggles/face shield for eye protection.

**HYGIENIC PRACTICES:** Eye washes and safety showers are recommended in the work place.

SECTION VIII - SPECIAL PRECAUTIONS

HANDLING AND STORAGE:	Keep Dry
OTHER PRECAUTIONS:	Keep Dry

REGULATORY INFORMATION

**TRANSPORTATION:** Not regulated by US DOT

**CHEMICAL CONTROL LAWS:** All components of this product are listed or are excluded from listing on the US Toxic Substances Control Act (TSCA) chemical substance inventory.

**SARA / TITLE III:** This product contains (or is) a toxic chemical for routine annual chemical release reporting under section 33 Vinyl acetate (108-05-04).

**STATE RIGHT-TO-KNOW-LAWS:** Any material listed as "not hazardous" in the CAS column of the ingredient information section of this MSDS is trade secret under the provisions of the Pennsylvania worker and community right-to-know act.

**CALIFORNIA PROP 65:** This product contains trace amounts of a component or components known to the state of California to cause cancer: Acrylamide (79-06-1) <0.1%, and Acetaldehyde (75-07-0) <0.1%.