

Merlex Stucco

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Microseal II

MANUFACTURER: Merlex Stucco, Inc.
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Orange, CA 92665

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MSDS Date of Preparation: 11/23/04

2. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	Conc in %
Silane Siloxane Resin	Proprietary	1-10
Water	7732-18-5	Balance

(See Section 8 for Exposure Limits)

3. HAZARDS IDENTIFICATION

Milky-clear liquid with a slight odor.

EMERGENCY OVERVIEW

Caution! May cause eye and skin irritation. Inhalation of vapors or mists may cause irritation of the nose, throat and respiratory tract. This product releases ethanol and methanol upon hydrolysis. Overexposure to ethanol and methanol may cause headache, dizziness, drowsiness and other nervous system effects. Prolonged overexposure to methanol may cause liver, kidney and heart damage and blindness.

See Section 11 for detailed information

4. FIRST AID MEASURES

Ingestion: Wash mouth with water. Do not induce vomiting. Seek immediate medical attention.

Skin Contact: Remove contaminated clothing and wash with plenty of soap and water. Get medical attention if irritation or other symptoms develop. Launder contaminated clothing before reuse.

Eye Contact: Rinse immediately with plenty of water, while lifting the eyelids. Get medical attention if irritation persists.

Inhalation: Remove affected person from source of exposure. If symptoms of exposure persist, get medical attention.

5. FIRE FIGHTING MEASURES

Flash Point: None

Autoignition Temperature: Not applicable

Flammable Limits In Air (% BY VOL.): Not applicable

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Basic Firefighting Procedures: This product is not combustible. Use any extinguishing media that is appropriate for the surrounding fire. Firefighters should always wear positive pressure self-contained breathing apparatus and protective clothing when fighting fires involving chemicals.

Unusual Fire And Explosion Hazards: None.

Hazardous Decomposition Products: Thermal decomposition will yield oxides of carbon.

6. ACCIDENTAL RELEASE MEASURES

Spill: Wear appropriate protective clothing to avoid eye and skin contact including impervious gloves, safety goggles and respirator if needed. Carefully collect using an inert absorbent. Place into an appropriate container for disposal. Report spills and releases as required to appropriate authorities.

7. HANDLING AND STORAGE

Handling: Avoid contact with the eyes, skin and clothing. Avoid breathing vapors or mists. Use with adequate ventilation. Wear appropriate protective clothing and equipment handling this material. Wash thoroughly after handling. Remove contaminated clothing and launder before re-use. Do not eat, drink or smoke in the work area.

Storage: Store in cool, dry area away from incompatible materials. Do not allow product to freeze.

Empty Containers: Empty containers may contain product residue and may be hazardous. Follow all MSDS precautions in handling empty containers.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION INFORMATION

Exposure Limits

Chemical Name	Exposure Limits
Silane Siloxane Resin	None Established
Ethanol (hydrolysis product)	1000 ppm ACGIH TLV-TWA 1000 ppm OSHA PEL-TWA
Methanol (hydrolysis product)	200 ppm ACGIH TLV-TWA, 250 ppm TLV-STEL 200 ppm OSHA PEL-TWA

Engineering Controls: Use with adequate general or local exhaust ventilation to maintain exposures below applicable occupational exposure limits.

Eye Protection: Chemical safety goggles recommended.

Skin Protection: Avoid skin contact. Wear impervious gloves if needed to avoid contact.

Respiratory PROTECTION: If needed, a NIOSH approved respirator with organic vapor/dust/mist cartridges may be used. Respirator selection and use should be based on contaminant type, form and concentration. Follow OSHA 1910.134, ANSI Z88.2, CSA Standard Z94.4-02 and good Industrial Hygiene practice.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: 100°C (212°F)
Specific Gravity: Approximately 1 g/mL
Melting Point: 0°C (32°F)
% Volatile: >90%
Vapor Pressure: Same as water
Evaporation Rate (Butyl Acetate = 1): Same as water
Vapor Density (Air = 1): Same as water
Solubility In Water: Complete
pH: Approximately 8
Appearance/Odor: Milky-clear liquid with a slight odor.

10. STABILITY AND REACTIVITY DATA

Stability: Stable under normal conditions of use and storage.

Incompatibility: Acids and bases.

Conditions To Avoid: None known.

Hazardous Decomposition Products: Reaction with acids and bases produces methanol and ethanol.

11. TOXICOLOGICAL INFORMATION

PRODUCT HEALTH HAZARD INFORMATION

Skin: Contact may cause irritation.

Eye: May cause irritation.

Inhalation: May cause irritation of the nose, throat and upper respiratory tract.

Ingestion: May cause irritation of the mouth and gastrointestinal tract.

Chronic Health Effects: None known.

Acute Toxicity Values

No toxicity data is available

12. ECOLOGICAL INFORMATION

The ecological effects of this product have not been determined.

13. DISPOSAL CONSIDERATIONS

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

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14. TRANSPORT INFORMATION

DOT Proper Shipping Name: Not Regulated
DOT Hazard Class: NA
UN Number: NA
DOT Labels Required: None

15. REGULATORY INFORMATION

SARA TITLE III INFORMATION:

Section 311/312 (40 CFR 370) **Hazard Categories:** Acute Health

Section 313 (40 CFR 372): This product contains the following chemicals subject to SARA Title III Section 313 Reporting requirement: None

Section 302 (40 CFR 355): This product does not contain chemicals listed as extremely hazardous chemicals under SUPERFUND Amendments and Reauthorization Act (SARA).

CERCLA 103 Reportable Quantity: This product is not subject to CERCLA spill reporting requirements. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

EPA TSCA: All of the components of this product are listed on the EPA TSCA Inventory.

California Proposition 65: This product does not contain chemicals regulated under California Proposition 65.

16. OTHER INFORMATION

NFPA Hazard Rating:	Health: 1	Fire: 0	Reactivity: 0
HMIS Hazard Rating:	Health: 1	Fire: 0	Reactivity: 0

REVISION DATE: 11/23/04

NOTICE: The information presented herein is based on data considered to be accurate as of the date of preparation of this Material Safety Data Sheet. However, no warranty or representation, express or implied, is made as to the accuracy or completeness of the foregoing data and safety information. It is the responsibility of the user to determine the applicability of this information for his use.