

MSDS Material Safety Data Sheet

UNITEX

HYDRO SEAL 25

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MSDS Number: 2002

Revision Date: Jan. 20, 2004

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PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

UNITEX

3101 Gardner Ave.
Kansas City, MO 64120

Contact: Technical Services

Telephone Number: 816-231-7700

FAX Number: 816-483-3149

E-Mail: mail@unitex-chemicals.com

Web www.unitex-chemicals.com

Product Name: HYDRO SEAL 25
Revision Date: Jan. 20, 2004
MSDS Number: 2002
Product Code: HYDRO SEAL 25
Product Use: Water-based acrylic curing and sealing compounds
EMERGENCY TELEPHONE No.: 800-424-9300 CHEMTREC 24 hrs.

MSDS Prepared by: Wm. Michael Simmons Director of Safety Phone No.: 800-821-5946

HMIS Codes: Health (0) Flammability (1) Reactivity (0) PPE (B)

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COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

| Cas # | Chemical Name | Perc. |
|----------|---------------|--------|
| 25153462 | Acrylic Resin | 25% |
| 25265774 | Surfactant | 1-10% |
| 7732185 | Water | 60-70% |

None of the remaining components considered a Hazardous Material or carcinogen (1910.1200 Hazard Communication (d)(4)).

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HAZARDS IDENTIFICATION

Route of Entry: Eyes, Skin, Ingestion

Target Organs: None known

Inhalation: Excessive inhalation of vapors can cause irritation to mucous membrane, respiratory irritation, dizziness, headache.

Skin Contact: Prolonged or repeated contact can cause irritation to persons with sensitive skin.

Eye Contact: Can cause severe irritation, redness, tearing, blurred vision.

Ingestion: Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration of material into the lungs can cause chemical pneumonia which can be fatal.

Acrylic Resin CAS# 25153462
No exposure limits established

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Surfactant CAS# 25265774

No exposure limits established

4 FIRST AID MEASURES

- Inhalation:** If overexposure occurs, remove victim to fresh air. If breathing stops, administer artificial respiration. Seek immediate medical attention.
- Skin Contact:** Remove contaminated clothing as soon as possible. Wash exposed skin thoroughly with soap and water. If irritation persists, consult a physician. Launder contaminated clothing before reuse. Extremely contaminated leather shoes should be discarded.
- Eye Contact:** Flush eyes with plenty of water for at least 15 minutes. If necessary, gently hold open eyelids during the flush. Immediately seek medical attention.
- Ingestion:** If a large amounts of material is swallowed, do not induce vomiting. Should vomiting occur, be sure to keep victim's head below hips to avoid aspiration of vomitus into the lungs. Immediately consult a physician. Do not attempt to give liquid to an unconscious person.

5 FIRE FIGHTING MEASURES

Flash Point: 250 deg. F.
Flash Point Method: Pensky Martins Closed Cup Method
Burning Rate: No data available
Autoignition Temperature: No data available
LEL: NA
UEL: NA

Other:

Special Fire Fighting Procedures: None. This material is water based. Use water spray to protect fire-fighters. If water is to be used, use a fog nozzle to cool closed containers. Avoid spraying directly into open containers to prevent boilover.

Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition; containers may explode and cause injury or death.

6 ACCIDENTAL RELEASE MEASURES

SMALL SPILLS: Absorb with an inert material (sand, vermiculite, etc.). Sweep or scoop up into disposal containers. Flush area immediately with water (prevent water from entering waterways).

LARGE SPILLS:

Containment: For large spills, dike far ahead of liquid spill for later disposal. Do not release into sewers or waterways.

Clean-up: Absorb with an inert material (sand, vermiculite, etc.). Sweep or scoop up into disposal containers. Flush area immediately with water (prevent water from entering waterways).

Regulatory Requirements: Follow applicable OSHA regulations (29 CFR 1910.120).

7 HANDLING AND STORAGE

Handling Precautions: For professional use only. Avoid eye/skin contact. Wash after using and before eating or drinking. Avoid breathing vapors. Use as directed.

Storage Requirements: Store in a cool/dry location.

Containers of this material may be hazardous when emptied. Since containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed.

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8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:

Protective Equipment: VENTILATION: Provide general or local exhaust ventilation systems to maintain clean air. Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work areas by controlling it at its source.

RESPIRATORY PROTECTION: Seek professional advice prior to respirator selection and use. Follow OSHA respirator regulations (29 CFR 1910.134) and, if necessary wear OSHA/NIOSH approved respirator. Select respirator based on its suitability to provide adequate worker protection for given working conditions, level of airborne contamination, and presence of sufficient oxygen.

PROTECTIVE CLOTHING/EQUIPMENT: Wear chemically protective gloves and goggles, per OSHA eye and face protection regulations (29 CFR 1910.133).

CONTAMINATED EQUIPMENT: Separate contaminated work clothes from street clothes. Launder before reuse. Remove this material from your work shoes and clean personal protective equipment.

This material is not listed by the International Agency for Research on Cancer, the National Toxicology Program, or the Occupational Safety and Health Administration.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Milky white

Physical State: Liquid

Odor: Slight

pH: No data available

Vapor Pressure: 25 mm/Hg

Vapor Density: Water

Evap. Rate: Similar to water

Boiling Point: 212 deg. F

Freezing/Melting Pt.: No data available/32 deg. F.

Solubility: 100%

Spec Grav./Density: (H2O=1) 1.02

10 STABILITY AND REACTIVITY

Stability: Stable

Conditions to avoid: None

Materials to avoid (incompatibility): Strong oxidizers

Hazardous Decomposition products: Oxides of carbon are formed by burning.

Hazardous Polymerization: Will not occur.

11 TOXICOLOGICAL INFORMATION

Acute Studies: Test on similar materials show low order of acute and dermal toxicity.

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Eye Effects: Minimal irritation on contact.

Acute Oral Effects: Test on similar material indicate low order of acute oral toxicity.

12 ECOLOGICAL INFORMATION

Do not allow product to reach ground water, water course or sewage system, even in small quantities.

13 DISPOSAL CONSIDERATIONS

Consult municipal authorities, landfill personnel, disposal companies for detailed prior to any disposal activity. Always follow local, state and federal regulations.

14 TRANSPORT INFORMATION

This material is not regulated by Department of Transportation (DOT).

15 REGULATORY INFORMATION

This MSDS as been prepared in accordance with federal OSHA Hazard Communication Standard 29 CFR 1910.1200.

HMIS Codes: Health (1) Flammability (1) Reactivity (0) PPE (B)

TSCA (Toxic Substance Control Act) Status:

The international ingredients of this product are listed.

40 CFR Hazardous Material Regulations:

Not applicable

SARA 311/312

Not applicable

California Proposition 65

Known to the State of California to cause cancer and/or reproductive toxicity and subject to warning and discharge requirements under the "Safe Drinking Water and Toxic Enforcement Act of 1996."

Not applicable

New Jersey RTK

Not applicable

Pennsylvania RTK

Not applicable

16 OTHER INFORMATION

This information and recommendations in this document are based on the best information available to us at the time of preparation. We make no other warranty, expressed or implied, as to its correctness or completeness, or as to the results or reliance of this product.

END OF MSDS DOCUMENT