

MSDS **Material Safety Data Sheet**

UNITEX

BRIGHT ROCK SEALER

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MSDS Number: 2011

Revision Date: Jan. 24, 2004

1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

UNITEX

3101 Gardner Ave.
Kansas City, MO 64120

Contact: Technical Services

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Product Name: BRIGHT ROCK SEALER
Revision Date: Jan. 24, 2004
MSDS Number: 2011
Product Code: BRIGHT ROCK SEALER
Product Use: Solvent based clear sealer
Emergency Telephone No.: 800-424-9300 CHEMTREC 24 hrs.

MSDS Prepared by: Wm. Michael Simmons Director of Safety Phone No.: 800-821-5846

2 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas #	Chemical Name	Perc.
64742956	Aromatic 100 Hydrocarbon	40-60%
NA	Acrylic Copolymer	40-60%

3 HAZARDS IDENTIFICATION

Route of Entry: Eyes, Skin, Ingestion, Inhalation
Target Organs: None known
Inhalation: May cause irritation to nose and throat.
Skin Contact: May cause irritation and dermatitis.
Eye Contact: May cause irritation.
Ingestion: May cause irritation of the mouth, stomach and cause sensitization.

Aromatic 100 Hydrocarbon CAS# 64742956
Trimethylbenzene OSHA TWA 25 ppm (125 mg/m3)
ACGIH TWA 25 ppm (125 mg/m3)

Xylene OSHA TWA 100 ppm (435 mg/m3)
OSHA STEL 150 ppm (655 mg/m3)
ACGIH TWA 25 ppm (125 mg/m3)

Cumene OSHA TWA 50 ppm (245 mg/m3) (skin)

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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 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: 106 deg. F.
Flash Point Method: Tag Closed Cup
Burning Rate: No data available
Autoignition Temperature: No data available
LEL: 0.7%
UEL: 5.0%
Flammability Classification: Combustible Liquid

Other:

Special Fire Fighting Procedures: None. Avoid breathing smoke. NFPA Class B-C fire extinguisher (dry chemical, carbon dioxide or foam). Water spray may be ineffective on fire but can protect fire fighters and cool closed containers. Avoid spraying directly into containers to prevent boilover. Explosion hazard when exposed to heat and flame. Vapor is heavier than air and can travel a considerable distance to a source of ignition and flashback.

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: Eliminate all ignition sources. Contain with earthen dike or petroleum material. Remove with grounded suction pump to a salvage container. Remove all absorbent and contaminated materials.

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

Cleanup: Remove all absorbent and contaminated materials.

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

Eliminate all ignition sources (flares, flames including pilot lights, electrical sparks). Persons not wearing protective equipment should be excluded from area of spill until cleanup has been completed.

7 HANDLING AND STORAGE

- Handling Precautions:** For professional use only. Avoid eye/skin contact. Wash after using and before eating or smoking. Avoid breathing vapors. Use as directed. Avoid uncontrolled mixing with oxidizers. Respiratory protection is required when ventilation is inadequate. NIOSH/OSHA approved respirators should be provided and worn.
- Storage Requirements:** Store in a cool/dry location. Do not allow material to freeze, as product may be damaged. Store away from sparks and open flames.

Containers of this material may be hazardous when emptied. Since containers retain product

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residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed. All five gallon pails and larger metal containers, including totes and tank trucks, should be grounded and/or bonded when material is transferred. Hydrocarbon solvents are basically non-conductors of electricity and can become electrostatically charged during mixing, filtering or pumping at high flow rates. If this charge reaches a sufficiently high level, sparks can form that may ignite the vapors or mists from process equipment operating at elevated temperature and pressure, or sudden ingress of air into vacuum equipment, may result in ignition without the presence of obvious ignition sources.

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EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:

Protective Equipment:

VENTILATION: Provide general or local exhaust systems to maintain airborne concentrations below OSHA PEL's. Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work area 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: Separate contaminated work clothes from street clothes. Launder before reuse. Remove this material from your work shoes and clean personal protective equipment.

OTHER PRECAUTIONS: Never eat, drink or smoke in work areas.

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PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Colorless

Physical State: Liquid

Odor: Hydrocarbon Naptha

pH: No data available

Vapor Pressure: 11 mg/Hg @ 100 F.

Vapor Density: (Air=1) 4

Boiling Point: 300 deg. F

Freezing/Melting Pt.: 32 deg. F / NA

Solubility: Negligible

Spec Grav./Density: (H₂O=1) 0.77

Evap. Rate: (Butly Acetate=1) Estimated 8

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STABILITY AND REACTIVITY

Stability: Stable

Conditions to avoid: Heat and open flame.

Materials to avoid (incompatibility): Strong oxidizers.

Hazardous Decomposition products: Can form carbon dioxide, carbon monoxide and other petroleum decomposition byproducts.

Hazardous Polymerization: Will not occur.

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11 TOXICOLOGICAL INFORMATION

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

Eye Effects: Minimal irritation on contact.

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

12 ECOLOGICAL INFORMATION

Toxic to aquatic organisms. 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 details prior to any disposal activity. Always follow local, state and federal regulations.

14 TRANSPORT INFORMATION

This material is regulated by Department of Transportation (DOT).

Proper Shipping Name: Combustible Liquid N.O.S. UN1993, PGIII

Combustible Warning & Placards required only when packaged in containers holding 119 gallons or more.

Flammable Warning & Placards required only when shipping 1,000 lbs or more by air or water.

15 REGULATORY INFORMATION

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

HMIS Codes: Health(2) Flammability(2) Reactivity(0) PPE(C)

Aromatic 100 Hydrocarbon is listed on TSCA Inventory as a UVCB (Unknown Variable Composition, or Biological) chemical at CAS Registry Number 64742-95-6.

CERCLA:

This product is classified as an oil under Section 311 of the Clean Water Act (40 CFR 110) and the Oil Pollution Act of 1990. Discharge or spills which produce a visible sheen on either surface water, or in waterways/sewers which lead to surface water, must be reported to the National Response Center at (800) 424-8802.

This product, as sold, is derived from a fraction of crude oil and is excluded from the spill reporting requirement by CERCLA Section 101 (14)(f). This product as a mixture is excluded from and may terminate and an accidental spill may require reporting to the National Response Center. This product contains approximate 1.5% Xylene. The reportable quantity of Xylene is 100 pounds. This product contains approximately 1% of Cumene. The reportable quantity of Cumene is 5,000 pounds.

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: Delayed Health and Fire.

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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 contains the following Section 313 Reportable Ingredients:

1,2,4-Trimethylbenzene CAS# 95-63-6 Maximum 16%

Xylene CAS# 1330-20-7 Maximum 1.5%

Cumene CAS# 98-82-8 Maximum 3/4%

All components of this product are listed on the Toxic Substance Inventory or are excluded from listing requirements.

California Proposition 65

Not Listed

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OTHER INFORMATION

The product has been classified and marked in accordance with directives on hazardous materials.

Safety Phrases:

Avoid exposure-obtain special instructions before use.

Keep out of reach of children.

Keep container closed until ready to use.

Keep container in a well ventilated place.

Keep away from food, drink and animal feed.

Keep away from sources of ignition - no smoking.

When using do not eat or drink.

Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point. In case of accident or if you feel unwell, seek medical advice immediately.

Avoid using indoors without ventilation (industrial and professional use only).

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