



RussTech Inc.

“We Add The Difference”

MATERIAL SAFETY DATA SHEET

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Section I - PRODUCT IDENTITY: MASONRY SEAL

CAS# Proprietary Mixture

Common Name: Water repellent compound for Concrete and Masonry

Section II - HAZARDOUS INGREDIENTS:

| Material: | CAS# | TLV | STEL | PEL | CONTENT |
|--------------|------------|--------|------|------|----------|
| Aromatic 100 | 64742-95-6 | 50 ppm | None | None | 70 - 86% |

Section III - PHYSICAL CHARACTERISTICS:

N/Av = Not Available N/Ap = Not Applicable ca. = Approximate

Boiling Point F° (°C): 313 (156)

VOC (w/w): 90%

Specific Gravity: 0.85

Vapor Density (Air = 1): 4.3

Evaporation Rate (Butylacetate =1): 0.30

Vapor Pressure: 2.7 mm Hg @ 20°C

Solubility in Water: Insoluble

Appearance: Clear, Colorless Liquid

Odor: Aromatic

Section IV - FIRE AND EXPLOSION HAZARD DATA:

HMIS Hazard Rating: 2 (Moderate)

Flash Point F° (°C): 111 (44)

Auto-Ignition Temperature F° (°C):

Limits of Flammability:

Special Fire & Unusual Hazards: Material can accumulate static charge which can cause an incendiary electrical discharge. Vapors may travel along ground or through ventilation systems to an ignition source and flashback. Do not weld or use cutting torches on or near containers because product (& residues) may ignite explosively. Firefighters should use self-contained breathing apparatus.

Extinguishing Media: Use carbon dioxide or dry chemical. Water may be used to cool burning containers.

Method: ASTM D 56, Tag Closed Cup

869 (465)

LEL: 1.0 UEL: 7.0

Section V - REACTIVITY DATA:

HMIS Hazard Rating:

Stability:

Incompatibility:

Hazardous Polymerization:

Hazardous Decomposition Products: (After water has evaporated.) Carbon Monoxide and/or Carbon Dioxide

0 (Minimal)

Stable. Not sensitive to mechanical impact.

Strong oxidizing agents, strong acids or bases

Will not occur.

Section VI - HEALTH HAZARD DATA:

HMIS Hazard Rating:

PRIMARY ROUTE OF ENTRY:

2 (Severe)

Dermal, Eyes, Inhalation

Effects of Overexposure

Inhalation: Excessive inhalation of vapors may cause upper respiratory irritation, dizziness, fatigue, nausea, headaches, possible unconsciousness and even coma.

Eyes: May cause severe irritation with reddening, tearing and blurred vision.

Section VI - HEALTH HAZARD DATA (CONTINUED):**Effects of Overexposure**

Skin Contact: Prolonged or repeated skin contact tends to remove skin oils possibly leading to irritation and dermatitis.

Skin Absorption: Repeated exposure may cause moderate irritation and defatting dermatitis.

Ingestion: Can cause gastrointestinal irritation with nausea, vomiting and diarrhea. Aspiration of materials into lungs can cause chemical pneumonitis, which can be fatal.

Chronic: Product does not contain carcinogenic materials as defined by 29 CFR 1910.1200. Overexposure to material has been found to cause the following effects in laboratory animals: anemia, liver abnormalities, kidney damage and eye effects. The following effects have been found in humans: cardiac abnormality.

Section VII - FIRST AID:

Inhalation: Remove victim from exposure. If difficulty with breathing, administer oxygen. If breathing has stopped administer artificial respiration. Seek medical attention.

Eyes: Flush eyes with water, lifting upper and lower lids occasionally for 15 minutes. Seek medical attention.

Skin: Remove contaminated clothing. Wash thoroughly with soap and water. If irritation persists seek medical attention. Wash contaminated clothing before reuse.

Ingestion: Contact physician or call Poison Control Center immediately. Do **NOT** give anything by mouth to an unconscious person.

Section VIII - SPECIAL PROTECTION INFORMATION:

Electrostatic Accumulation Hazard: Use proper grounding.

Ventilation: Local mechanical ventilation may be sufficient to keep vapor concentrations from exceeding exposure limits. If limits are exceeded, use additional local exhaust. Respirators or environmental containment devices may be required in extreme cases.

Personal Protection Equipment: Use chemical goggles/safety glasses with side shields and Rubber/Latex gloves. Impermeable aprons with impervious clothing and boots are recommended to reduce skin contact. Use respiratory protection with hydrocarbon vapor canister or air supplied respirators in confined or enclosed areas.

Section IX - ENVIRONMENTAL & DISPOSAL INFORMATION:

Action to Take for Spills/Leaks: Wear appropriate protective equipment. Take action to eliminate source of leak; contain spill by diking; vacuum up liquid or use absorbent media; remove to storage for disposal and rinse residual stain with water.

Waste Disposal Method: Dispose in accordance with local, provincial, state and federal regulations

Section X - REGULATORY INFORMATION:

Title III Section 302: No reportable chemicals.

Title III Section 311/312: Health hazard: Acute, Chronic Physical hazard: Fire

Title III Section 313: None above de minimis.

TSCA: All components of this product are included in the EPA Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

State: California: No reportable chemicals

Section XI - TRANSPORTATION INFORMATION:

Shipping Name: NOT REGULATED in bulk containers less than 119 gallons

Emergency Response Guide Page No.: NOT REGULATED in bulk containers less than 119 gallons

DOT Reportable Quantity: See below

Marine Pollutant: Considered hazardous under section 116 of the Clean Water Act. Spills entering surface waters or any water-course or sewers leading to surface waters must be reported immediately to the National Response Center at 1-800-424-8802. The reportable quantity for Masonry Seal is 110 gallons.

P = Moderate PP = Severe WS = Water Sheen NL = Not Listed ND = Not Determined

Section XII – EMPTY CONTAINER INFORMATION:

Empty containers of this material may be hazardous as they may contain residue (vapors, liquids or solids). Empty containers should be treated in the same manner as full containers. Keep empty containers away from ignition and heat sources. Keep containers closed to prevent vapor travel.

Section XIII - ADDITIONAL INFORMATION:

Average Shelf Life: 18 months

Storage: Keep containers (full and empty) cool, dry and away from sources of ignition. Store product with adequate ventilation equivalent to fresh air.

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Prepared by: Department of Environmental, Health and Safety