

Material Safety Data Sheet**Urexpan NR-201**

Date last revised March 29, 2007

| I. GENERAL INFORMATION | | |
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| Chemical Name & Synonyms ALIPHATIC URETHANE SEALANT | Trade Name & Synonyms Urexpan NR-201 | |
| Chemical Family SILYL TERMINATED POLYURETHANE | Formula MIXTURE | |
| Proper DOT Shipping CAULKING COMPOUND | DOT Hazard Classification NONE | |
| Manufacturer PECORA CORPORATION | Manufacturer's Phone Number 215-723-6051 | |
| Manufacturer's Address 165 Wambold Road, Harleysville, PA 19438 | Chemtrec Phone Number 800-424-9300 | |
| II. INGREDIENTS | | |
| Principal Hazardous Components | Percent | Threshold Limit Value (Units) |
| CALCIUM CARBONATE (CAS # 1317-65-3) | 30 - 60 | OSHA PEL (respirable): 5 mg/m³ OSHA PEL (total dust): 15 mg/m³ |
| PHTHALATE ESTERS (CAS # 111381-90-9; 111381-89-6; 68515-45-7; 68515-44-6; 85507-79-5) | 20 - 40 | ACGIH: 5mg/m³ TWA |
| SILYL-TERMINATED POLYURETHANE POLYMER | 10 - 35 | Not established |
| QUARTZ (CAS # 14808-60-7) | <1.0 | OSHA PEL (respirable): 10 mg/m³/(%SiO₂ + 2) TWA |
| FURAN (CAS # 110-00-9) | <0.1 | Not established |
| METHANOL (CAS # 67-56-1) | <0.1 | OSHA PEL: 260 mg/m³ TWA |
| HMIS RATING: HEALTH=1; FLAMMABILITY=1; REACTIVITY=1 | | |
| III. PHYSICAL DATA | | |
| Boiling Point (°F) 212 - 220° F. | Specific Gravity (H ₂ O = 1) 1.3 - 1.4 | |
| Vapor Pressure (mm Hg.) NOT ESTABLISHED | Percent Volatile by Volume (%) < 2% | |
| Vapor Density (Air = 1) HEAVIER | Evaporation Rate (ETHER = 1) SLOWER | |
| Solubility in Water INSOLUBLE | pH NA | |
| Appearance & Odor SMOOTH PASTE, VERY SLIGHT ALCOHOL ODOR | | |
| IV. FIRE & EXPLOSION HAZARD DATA | | |
| Flash Point (Test Method) > 200° F T.C.C. | Auto Ignition Temperature UNKNOWN | |
| Flammable Limits | LEL UNKNOWN | UEL UNKNOWN |
| Extinguishing Media: WATER SPRAY, CARBON DIOXIDE, FOAM, DRY CHEMICALS | | |
| Special Fire Fighting Procedures: WEAR SELF-CONTAINED BREATHING APPARATUS WHEN FIGHTING FIRES | | |
| Unusual Fire & Explosion Hazards: NONE KNOWN | | |

V. Health Hazard Data

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| OSHA Permissible Exposure Limit SEE SECTION II | ACGIH Threshold Limit Value SEE SECTION II |
| Carcinogen – NTP Program YES (furan, respirable quartz) | Carcinogen – IARC Program YES (furan, respirable quartz) |
| Symptoms of Exposure: Prolonged or repeated exposure to uncured sealant or to vapors generated during curing may cause irritation of the skin, eyes, or respiratory tract. Use with adequate ventilation. Avoid breathing vapor, mist, or dust. Wear chemical resistant protective gloves. Ingestion may cause irritation of the intestinal tract. Animal studies of one of the components indicate that ingestion of high doses may adversely affect the developing fetus. | |
| Medical Conditions Aggravated By Exposure: NONE KNOWN | |
| Primary Route (s) of Entry: SKIN AND INHALATION | |
| Emergency First Aid: In case of eye contact, immediately rinse with clean water for at least 15 minutes. Obtain medical attention if pain, blinking, tears, or redness persist. Wash skin thoroughly with soap and water. If irritation develops and persists, obtain medical attention. If inhaled, remove to fresh air. If difficulty in breathing exists, seek medical attention immediately. In case of ingestion, obtain medical attention. | |

VI. REACTIVITY DATA

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| Stability | <input type="checkbox"/> Unstable <input checked="" type="checkbox"/> Stable | Conditions to Avoid EXCESSIVE HEAT |
| Incompatibility | | Materials to Avoid NONE KNOWN |
| Hazardous | <input type="checkbox"/> May Occur <input checked="" type="checkbox"/> Will Not Occur | Conditions to Avoid EXCESSIVE HEAT |
| Hazardous Decomposition Products: CO, CO ₂ AND POSSIBLE OXIDES OF NITROGEN | | |

VII. ENVIRONMENTAL PROTECTION PROCEDURES

Spill Response: SCRAPE UP AND PLACE IN CONTAINERS, WASH AREAS WITH WARM, SOAPY WATER OR MINERAL SPIRITS.

Waste Disposal Method: BURY IN SUITABLE LANDFILL WHERE PERMITTED UNDER APPROPRIATE LOCAL, STATE AND FEDERAL REGULATIONS

VIII. SPECIAL PROTECTION INFORMATION

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| Eye Protection GLASSES OR GOGGLES | Skin Protection CHEMICAL RESISTANT GLOVES |
| Respiratory Protection (Specific Type) ORGANIC TYPE IN CONFINED AREAS | Ventilation Recommended GENERAL ROOM VENTILATION |
| Other Protection: | |

IX. SPECIAL PRECAUTIONS

Hygienic Practices In Handling & Storage:
STORE IN COOL, DRY PLACE, WASH HANDS BEFORE EATING OR SMOKING

Precautions For Repair & Maintenance of Contaminated Equipment:
SEE SECTION V

Other Precautions:
NONE

KEEP OUT OF REACH OF CHILDREN!