

**MATERIAL SAFETY DATA SHEET**

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**Vendor Update:** 9/11/2009  
**Date Prepared:** 10/22/2010  
**MSDS Number:** 888BLBRZ ; 888GRY ; 888W ;

**I. CHEMICAL PRODUCT IDENTIFICATION**

**Product Name:** BUTYL RUBBER SEALANT  
**HMIS Ratings:**

Health: Slight(1)  
 Flammability: Moderate(2)  
 Instability/Reactivity: Minimal(0)  
 Personal Protective Equipment: B SAFETY GLASSES  
 AND GLOVES

**NFPA Ratings:**

**II. COMPOSITION, INFORMATION ON INGREDIENTS**

| <b>Chemical Ingredients</b>   | <b>C.A.S. Number</b> | <b>% By Weight</b> | <b>ACGIH TLV TWA/STEL</b> | <b>OSHA PEL TWA/STEL</b> | <b>Other TWA/STEL</b> | <b>LD50</b> | <b>LC50</b> |
|-------------------------------|----------------------|--------------------|---------------------------|--------------------------|-----------------------|-------------|-------------|
| ALIPHATIC HYDROCARBON SOLVENT | 8052-41-3            | 20                 | 500 PPM                   |                          |                       |             |             |
| <b>Notes</b>                  |                      |                    |                           |                          |                       |             |             |
| QUARTZ (SiO <sub>2</sub> )    | 14808-60-7           |                    | 0.1 MG/M <sup>3</sup>     |                          |                       |             |             |
| <b>Notes</b>                  |                      |                    |                           |                          |                       |             |             |

**III. HAZARDS IDENTIFICATION PRIMARY ROUTE OF ENTRY**

**Eyes:** CAN CAUSE SEVERE IRRITATION, REDNESS, TEARING, BLURRED VISION.

**Skin:** CAN CAUSE REDNESS, IRRITATION.

**Ingestion:** CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, DIARRHEA.

**Inhalation:** PROLONGED INHALATION OF VAPORS MAY CAUSE IRRITATION OF THE RESPIRATORY TRACT. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING VAPOR MAY BE HARMFUL OR FATAL.

**Signs and Symptoms of Exposure:** CHRONIC EFFECTS: (INCLUDE ALL POTENTIAL CARCINOGENS PRESENT @ 0.1% OR GREATER): THE INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) MONOGRAPHS HAS IDENTIFIED RESPIRABLE QUARTZ (SiO<sub>2</sub>) AS A SUSPECT HUMAN CANCER-CAUSING AGENT BASED ON LIMITED HUMAN EVIDENCE BUT SUFFICIENT EVIDENCE IN EXPERIMENTAL ANIMALS (CLASS 2A). EXPOSURE TO RESPIRABLE QUARTZ WILL NOT BE POSSIBLE WITH THIS PRODUCT UNDER NORMAL CONDITIONS OF USE.

**Other:** ACUTE EFFECTS OF OVEREXPOSURE: IRRITATION, REDNESS.  
 CARCINOGENICITY: NTP?NO; IARC MONOGRAPHS?YES; OSHA REGULATED?: NO.

**IV. FIRST AID MEASURES**

**Eyes:** FLUSH WITH LARGE AMOUNTS OF WATER, FREQUENTLY FLUSHING UNDER THE LIDS. SEEK MEDICAL ATTENTION.

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| <b>Skin:</b>       | WASH WITH SOAP AND WATER. GET MEDICAL ATTENTION IF IRRITATION PERSISTS.   |
| <b>Ingestion:</b>  | DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.  |
| <b>Inhalation:</b> | REMOVE AFFECTED PERSON TO FRESH AIR, GIVE OXYGEN OR ARTIFICIAL RESPIRATION AS NECESSARY TO ASSIST BREATHING. GET MEDICAL ATTENTION. |

#### V. FIRE FIGHTING MEASURES

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| <b>Flash Point:</b>                       | 106°F   |
| <b>Test Method:</b>                       | ESTIMATE BASED ON THE FLASH POINT OF THE MOST VOLATILE COMPONENT.   |
| <b>Lower Flammability Limit:</b>          | 0.5   |
| <b>Upper Flammability Limit:</b>          | 6.0   |
| <b>Extinguishing Agents:</b>              | FOAM, DRY CHEMICAL OR CARBON DIOXIDE. WATER MAY BE INEFFECTIVE, BUT WATER SHOULD BE USED TO KEEP THE EXPOSED CONTAINERS COOL.   |
| <b>Unusual Fire or Explosion Hazards:</b> | VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL ALONG THE GROUND AND BE IGNITED BY IGNITION SOURCES DISTANT FROM THE HANDLING POINT. RESIDUE IN "EMPTY" CONTAINERS MAY BE EXPLOSIVE IF EXPOSED TO AN IGNITION SOURCE. TO PREVENT FIRE OR EXPLOSION FROM STATIC ACCUMULATION AND DISCHARGE, EFFECTIVELY GROUND THE PRODUCT TRANSFER SYSTEM.                                   |
| <b>Fire Fighting Procedures:</b>          | TREAT AS A CLASS "B" FIRE. LIMIT FIRE FIGHTING TO THOSE TRAINED TO DO SO. IF A LEAK OR SPILL HAS IGNITED, USE WATER SPRAY TO DISPERSE THE VAPORS AND TO PROTECT THE PEOPLE ATTEMPTING TO STOP THE LEAK. MINIMIZE BREATHING GASES, VAPOR, FUMES, OR DECOMPOSITION PRODUCTS. USE SUPPLIED-AIR BREATHING EQUIPMENT FOR ENCLOSED OR CONFINED SPACES OR AS OTHERWISE NEEDED. |

#### VI. ACCIDENTAL RELEASE MEASURES

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| <b>Containment/Cleanup:</b> | STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: ELIMINATE ALL IGNITION SOURCES. CONTROL THE SOURCE OF THE SPILL IF IT IS SAFE TO DO SO. VENTILATE ENCLOSED AREAS TO PREVENT VAPOR ACCUMULATION. RESTRICT ACCESS BY UNAUTHORIZED PERSONNEL. ABSORB SPILLED PRODUCT WITH VERMICULITE OR OTHER ABSORBENT MATERIAL. SHOVEL OR SCOOP INTO A SEALABLE CONTAINER FOR DISPOSAL. |
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#### VII. HANDLING AND STORAGE

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| <b>Other:</b> | DO NOT STORE OR HANDLE NEAR AN IGNITION SOURCE. KEEP CONTAINERS CLOSED. EFFECTIVELY GROUND THE PRODUCT TRANSFER SYSTEM TO PREVENT FIRE OR EXPLOSION FROM STATIC DISCHARGE. EMPTY CONTAINERS MAY CONTAIN RESIDUAL PRODUCT. DO NOT REUSE CONTAINER UNLESS PROPERLY RECONDITIONED. |
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#### VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

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| <b>Eyes:</b> | SAFETY GLASSES WITH SIDE SHIELDS IF NEEDED.  |
| <b>Skin:</b> | TO PREVENT REPEATED OR PROLONGED SKIN CONTACT, WEAR IMPERVIOUS CLOTHING AND BOOTS IF CONTACT IS LIKELY. GLOVES: BUNA-N, IF NEEDED. |

**Respiratory:** FOR LARGE SPILLS OR ENTRY INTO ENCLOSED SMALL SPACES WITH INADEQUATE VENTILATION, A PRESSURE DEMAND, SELF-CONTAINED BREATHING APPARATUS IS RECOMMENDED. IF ENGINEERING OR ADMINISTRATIVE CONTROLS ARE NOT ADEQUATE TO MAINTAIN SOLVENT TLV BELOW RECOMMENDED LEVELS, AN APPROPRIATE RESPIRATOR SHOULD BE USED IN CONJUNCTION WITH RESPIRATOR USE AND A FIT TRAINING PROGRAM. ALTHOUGH THE SUPPLIER HAS NO CONTROL OVER THE CUSTOMER'S METHOD OF USING THIS PRODUCT, UNDER CONDITIONS OF NORMAL USE THE RESPIRABLE QUARTZ CONTAINED IN THE PRODUCT IS A COMPLETELY INCORPORATED COMPONENT, AND AS SUCH SHOULD NOT PRESENT AN INHALATION HAZARD.

**Engineering:** VENTILATION: GENERAL EXHAUST AS NEEDED TO KEEP TLV BELOW RECOMMENDED LEVELS IF ENGINEERING OR ADMINISTRATIVE CONTROLS ARE NOT ADEQUATE.

**Other:** WORK/HYGIENIC PRACTICES. MINIMIZE BREATHING VAPOR. AVOID PROLONGED OR REPEATED CONTACT WITH THE SKIN. REMOVE CONTAMINATED CLOTHING AND LAUNDRY BEFORE REUSE. CLEANSE SKIN THOROUGHLY AFTER CONTACT, BEFORE WORK BREAKS AND MEALS, AND AT THE END OF THE WORK DAY. PRODUCT IS READILY REMOVED FROM THE SKIN WITH WATERLESS HAND CLEANERS FOLLOWED BY WASHING THOROUGHLY WITH SOAP AND WATER.

#### IX. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** PASTE AVAILABLE IN VARIOUS COLORS  
**Boiling Point:** 352°F  
**Solubility in Water:** 0.5%  
**Specific Gravity:** (WATER=1): 1.32  
**Vapor Pressure:** 5 MM Hg @ 78°F, 26°C  
**Vapor Density:** (AIR=1): 5.0  
**Physical State:** PASTE  
**Volatile Content:** MAXIMUM: 270 G/L (20%)  
 EVAPORATION RATE (ETHYL ETHER=1): 70  
**Other:** PERCENT SOLIDS (BY WEIGHT): 80% MINIMUM.

#### X. STABILITY AND REACTIVITY

**Stability:** STABLE.  
**Hazardous Polymerization:** WILL NOT OCCUR.  
**Hazardous Decomposition Products:** IN THE EVENT OF PARTIAL COMBUSTION, FUMES, SMOKE, CARBON MONOXIDE, ALDEHYDES, AND OTHER DECOMPOSITION PRODUCTS MAY BE RELEASED.  
**Incompatible Products:** NONE KNOWN.  
**Conditions To Avoid:** NONE KNOWN.

#### XI. TOXICOLOGICAL INFORMATION

#### XII. ECOLOGICAL INFORMATION

#### XIII. DISPOSAL CONSIDERATIONS

**Disposal Method:** IF THIS PRODUCT BECOMES A WASTE, IT IS CONSIDERED A HAZARDOUS WASTE DUE TO ITS IGNITABILITY. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL ENVIRONMENTAL AND WASTE REGULATIONS.

**XIV. TRANSPORT INFORMATION**

**D.O.T. Shipping Name:** ADHESIVE CONTAINING A FLAMMABLE LIQUID

**XV. REGULATORY INFORMATION**

**EPA Sara Title III Chemical Listings:** EPA SARA TITLE III HAZAD CLASS (40CFR370): ACUTE HEALTH HAZARD, CHRONIC HEALTH HAZARD, FIRE HAZARD. EPA SARA TITLE III SECTION 313 (40CFR372): THERE ARE NO LISTED TOXIC CHEMICALS PRESENT IN QUANTITIES GREATER THAN THE DE MINIMIS LEVEL. EPA SARA TITLE III (40CFR335): THERE ARE NO COMPONENTS PRESENT IN THIS PRODUCT AT A LEVEL WHICH WOULD REQUIRE REPORTING.

**California:** CALIFORNIA POSITION 65 (SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986): THIS PRODUCT CONTAINS NO LISTED SUBSTANCES, WHICH THE STATE OF CALIFORNIA HAS FOUND TO CAUSE CANCER, BIRTH DEFECTS, OR OTHER REPRODUCTIVE HARM, IN A FORM WHICH WOULD REQUIRE A WARNING UNDER THE STATUTE.

**XVI. OTHER INFORMATION**

**Other:** ALL COMPONENTS ARE INCLUDED IN THE EPA TOXIC SUBSTANCE CONTROL ACT (TSCA) CHEMICAL SUBSTANCE INVENTORY. IF THIS PRODUCT BECOMES A WASTE, IT MEETS THE CRITERIA OF A HAZARDOUS WASTE AS DEFINED UNDER RCRA 40CFR261: IGNITABILITY.

**WARRANTY INFORMATION**

THIS INFORMATION IS OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCT SPECIFICATION. NO WARRANTY, EXPRESSED OR IMPLIED, IS HEREBY MADE. THE RECOMMENDED INDUSTRIAL HYGIENE AND SAFE HANDLING PROCEDURES ARE BELIEVED TO BE GENERALLY APPLICABLE. HOWEVER, EACH USER SHOULD REVIEW THESE RECOMMENDATIONS IN THE SPECIFIC CONTEXT OF THE INTENDED USE AND DETERMINE WHETHER THEY ARE APPROPRIATE.