**Safety Data Sheet**

**Polyurethane mixed glue**

**Revision Date 03/08/2024**

**SECTION 1: PRODUCT AND COMPANY INFORMATION**

|  |  |  |
| --- | --- | --- |
| **Product Name** | **:** | Polyurethane mixed glue |
| **Product Use** | **:** | Waterproofing Coating |
| **Supplier** | **:** | QUANZHOU BIG FIR TREE IMPORT&EXPORT CO.,LTD |
| **Address** | **:** | Room 207, Champagne Center, Donghai, Fengze District, Quanzhou City, Fujian Province, China. |
| **Telephone** | **:** | +86 19959722622 |
| **E-Mail Address** | **:** | monicachan@bigfirtree.net |

**SECTION 2 HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW**

**IMMEDIATE CONCERNS**: Eye, Skin, Digestive Irritant.

**COLOR:** White

**PHYSICAL STATE:** Opaque liquid

**ODOR**: Oil smell

**POTENTIAL HEALTH EFFECTS**

**EYES:** Prolonged and repeated contact may cause irritation to eyes.

SKIN: Prolonged and repeated contact may cause irritation to skin.

INGESTION: Ingestion may cause irritation to the digestive tract.

INHALATION: None known.

CARCINOGENICITY: Not listed by NTP, IARC, ACGIH, or OSHA as a carcinogen.

ROUTES OF ENTRY: Eyes, Skin, Ingestion

TARGET ORGAN STATEMENT: Eyes, Dermal, Mouth

**SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS**

|  |  |  |
| --- | --- | --- |
| **Name** | **CAS No.** | **%** |
| Castor Oil | 8001-79-4 | 30-50 |
| Barium sulfate | 7727-43-7 | 20-30 |
| Titanium Dioxide | 13463-67-7 | 10-15 |

**SECTION 4 FIRST-AID MEASURES**

|  |  |  |
| --- | --- | --- |
| **EYES** | **:** | Flush eye(s) for 15 minutes or more; if irritation persists, consult a physician (preferably an eye  specialist) and show MSDS. |
| **SKIN** | **:** | Wash area thoroughly with soap and water. Remove contaminated clothing. Seek medical attention if symptoms are present after washing. |
| **INGESTION** | **:** | Seek medical attention immediately. Do not induce vomiting. |
| **INHALATION** | **:** | Remove individual from site of exposure and place in fresh air. Seek medical attention if breathing is difficult. |
| **ADDITIONAL INFO** | **:** | Any additional symptoms and effects are described in Section 11. |

**SECTION 5 FIRE-FIGHTING MEASURES**

|  |  |  |
| --- | --- | --- |
| **FLASHPOINT AND METHOD** | **：** | Not Determined |
| **AUTOIGNITION TEMPERATURE** | **：** | Not Determined |
| **FLAMMABLE CLASS** | **：** | N/A |
| **EXTINGUISHING MEDIA** | **：** | Alcohol resistant foam, carbon dioxide, dry powder, or water spray. |
| **EXPLOSION HAZARDS** | **：** | This product has no known explosion hazards. |
| **FIRE FIGHTING PROCEDURES** | **：** | There are no special firefighting procedures. |
| **FIRE FIGHTING EQUIPMENT** | **：** | As in any fire, wear self-contained breathing apparatus pressure-demand,  (MSHA/NIOSH approved or equivalent) and full protective gear. |
| **HAZARDOUS COMBUSTION PRODUCTS** | **：** | Flammable under extreme heat and an ignition source. |

**SECTION 6 ACCIDENTAL RELEASE MEASURES**

**SMALL SPILL:**Use personal protective equipment and avoid vapors. Do not let enter drains.Soak up with inert absorbent material and dispose according to federal or state regulations.

**RELEASE NOTES:**In case of accident or road spill notify:

**SECTION 7 HANDLING AND STORAGE**

**HANDLING: MIX WELL BEFORE USE**

Provide suitable extraction/ventilation at processing machines and avoid skin/eye contact.

**STORAGE:** Keep container in cool well-ventilated place. Keep containers tightly closed. Product degradation to an organic tin salt mayoccur upon exposure to direct sunlight. IF NOT USEDRIGHT AWA Y, STORE CONT AINER UPSIDE DOWN TO AVOIDSETTLING A T THE BOTTOM OF CONT AINER.

**STORAGE PERIOD:** 24Months

**SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

**ENGINEERING CONTROLS**

Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product. If local exhaust is not available, general (mechanical) ventilation is acceptable, if exposure is maintained below the TLV.

**PERSONAL PROTECTIVE EQUIPMENT** .

**EYES AND FACE:**

Safety Goggles recommended for use.

**SKIN:**

Gloves are recommended for use.

**RESPIRATORY:**

In case of insufficient ventilation, respiratory protective equipment: Cartridge for organic

gases and vapors.

**WORK HYGIENIC PRACTICES:**

Avoid breathing dust or mist from solutions. Do not eat, drink, or smoke in

work area. Wash hands thoroughly after use

**PROTECTIVE CLOTHING**

Impermeable protective clothing is recommended.

**OTHER USE PRECAUTIONS:**

None.

**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

|  |  |  |
| --- | --- | --- |
| **Appearance** | **:** | Viscous liquid |
| **Color** | **:** | White |
| **Odor** | **:** | Oil odor |
| **Flash Point** | **:** | 235 ̊C (COC) After dehydration |
| **Ignition Temperature** | **:** | No data available |
| **Decomposition Temperature** | **:** | No data available |
| **Lower Explosion Limit (Vol%)** | **:** | No data available |
| **Upper Explosion Limit (Vol%)** | **:** | No data available |
| **Flammability (Solid, Gas)** | **:** | No data available |
| **Oxidizing Properties** | **:** | No data available |
| **Autoignition Temperature** | **:** | No data available |
| **Ph** | **:** | Not applicable |
| **Melting Point/Range** | **:** | No data available |
| **Boiling Point/Boiling Range** | **:** | No data available |
| **Vapor Pressure** | **:** | No data available |
| **Density** | **:** | ca. 1.4 g/cm3 (68 °F / 20 °C) |
| **Viscosity, Dynamic** | **:** | No data available |
| **Viscosity, Kinematic** | **:** | No data available |
| **Relative Vapor Density** | **:** | No data available |
| **Evaporation Rate** | **:** | No data available |
| **Burning Rate** | **:** | No data available |

**SECTION 10 STABILITY AND REACTIVITY**

**STABLE:** Chemically stable under normal and anticipated storage and handling conditions.

**HAZARDOUS POLYMERIZATION:** No.

**HAZARDOUS COMBUSTION PRODUCTS**: Black smoke, oxides of carbon, oxides of sulfur >1450 ˚C

**CONDITIONS TO AVOID:** None

**INCOMPATIBLE MATERIALS:** Contact with oxidizers may result in a low energy release.

**SECTION 11: TOXICOLOGICAL INFORMATION**

**ACUTE ORAL:** None known

**EYE EFFECTS:** The toxic effects of this material are not known.

**SKIN EFFECTS:** The toxic effects of this material are not known.

**INHALATION EFFECTS:**The toxic effects of this material are not known.

**SECTION 12: ECOLOGICAL INFORMATION**

**GENERAL COMMENTS:**Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

**ENVIRONMENTAL DATA**

**Component** 7727-43-7

**SECTION 13: DISPOSAL CONSIDERATIONS**

**DISPOSAL METHOD**: Dispose of in accordance with local, state, and federal regulations.

**PRODUCT DISPOSAL**:In accordance with local authority regulations, take to a special waste incineration plant.

**EMPTY CONTAINER DISPOSAL**:If empty contaminated containers are recycled or disposed of, the receiver must be informed about possible hazards.

**SECTION 14: TRANSPORTATION INFORMATION**

**NON-BULK (I.E. 55 GAL DRUM, 1 GAL JUG) – DOT (DEPARTMENT OF TRANSPORTATION)**

NOT REGULATED

**PROPER SHIPPING NAME**:N/A

**PRIMARY HAZARD CLASS/DIVISION:**N/A

**UN/NA NUMBER:**N/A

**PACKING GROUP:**N/A

**BULK (I.E. TANKER, ISO TANK) – DOT (DEPARTMENT OF TRANSPORTATION)**

NOT REGULATED

**IMDG**

NOT REGULATED

**ICAO/IATA**

NOT REGULATED

**ADDITIONAL INFORMATION:**

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

**SECTION 15: REGULATORY INFORMATION**

**UNITED STATES:**

**OSHA HAZARD COMMUNICATION STANDARD**

This product is Not Hazardous as defined by the OSHA Hazard Communication Standard.

**SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**

**311/312 HAZARD CATEGORIES:**

**FIRE:** NO

**REACTIVITY:** NO

**ACUTE:** YES

**313 REPORTABLE INGREDIENTS**:

This product contains no SARA Title III, Section 313 listed chemicals.

**PENNSYLVANIA RIGHT TO KNOW COMPONENTS**

Castor Oil 8001-79-4

Barium sulfate 7727-43-7

**PENNSYLVANIA RIGHT TO KNOW COMPONENTS**

Castor Oil 8001-79-4

Barium sulfate 7727-43-7

**NEW JERSEY RIGHT TO KNOW COMPONENTS**

Barium sulfate 7727-43-7

**MASSACHUSETTS RIGHT TO KNOW COMPONENTS**

TSCA REGULATORY: All intentional ingredients are listed in the TSCA Inventory.

**SECTION 16: OTHER INFORMATION**

**Prepared By:** QUANZHOU BIG FIR TREE IMPORT&EXPORT CO.,LTD

**Additional Comments: None.**

**Revision Date：03/08/2024**

**Changes Since Previous SDS: None**

**Other Information Disclaimer：**

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