**SAFETY DATA SHEET**

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**Category 2- Flammable Liquid**

**Category 5- Acute Oral Toxicity**

**Category 5- Acute Inhalation Toxicity**

**Category 5- Acute Dermal Toxicity**

**Category 2A- Eye Irritation**

**Category 2- Carcinogen**

**Category 3- Target Organ Acute Toxicity**

**Category 2- Acute Aquatic Toxicity SIGNAL WORD: DANGER!**

**HAZARD STATEMENTS:**

H225 Highly flammable liquid and vapor.

H303 May be harmful if swallowed.

H313 May be harmful in contact with skin.

H319 Causes serious eye irritation.

H333 May be harmful if inhaled.

H336 May cause drowsiness or dizziness.

H351 Suspected of causing cancer.

H401 Toxic to aquatic life.

**PRECAUTIONARY STATEMENTS**

**PREVENTION:**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233 Keep container tightly closed.

P260 Do not breathe mist/vapors/sprays.

P264 Wash skin thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

P281 Use personal protective equipment as required.



**SECTION 2: HAZARD IDENTIFICATIONS/EXPOSURE LIMITS**

**PRODUCT: ALLIED AC 425**

**PRODUCT USE:** Sealing concrete.

**DISTRIBUTED BY: WALLACE CONSTRUCTION SPECIALTIES LTD**

825 MacKay Street

Regina, Saskatchewan, Canada

S4N 2S3

306-569-2334

**EMERGENCY CONTACT:** CANUTEC 613-996-6666

**SECTION 1: PRODUCT AND COMPANY IDENTIFICATION**

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**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

**SECTION 5: FIREFIGHTING PROCEDURES**

**SECTION 4: FIRST AID MEASURES**

**SUITABLE EXTINGUISHING MEDIA:** Dry chemical, CO2, alcohol-resistant foam.

**UNSUITABLE EXTINGUISHING MEDIA:** High-volume water jet.

**FLASH POINT (TCC):** 40°F

**EMERGENCY FIRST AID PROCEDURES**

**SKIN:** Clean material from the skin with acetone, then wash with plenty of soap and water followed by a moisturizer. If irritation persists, contact a doctor/physician.

**EYES:** Flush eyes with a gentle but large stream of clean water for at least 15 minutes, lifting the lower and upper eyelids occasionally. Remove contact lenses if present and easily able to do so. Call a physician if irritation persists.

**INHALATION:** Move victim to fresh air and provide oxygen if breathing is difficult. Seek medical attention.

**INGESTION:** DO NOT INDUCE VOMITING. Give large quantities of water. Do not give milk or alcoholic beverages. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Get medical attention immediately.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **CAS #** | **OSHA PEL (TWA)** | **ACGIH (TLV-TWA)** | **CONC (WT%)** |
| Acrylic Polymer | Proprietary | Not established | Not established | 24.0 – 26.0 |
| t-Butyl Acetate | 540-88-5 | 200 ppm | 200 ppm | 50.0 – 70.0 |
| p-Dodecylphenol | 210555-94-5 | 5 ppm | 5 ppm | 0.1 – 0.2 |
| Glycol Ether | Proprietary | 50 ppm | 20 ppm | 1.5 – 2.5 |
| Solvent Naphtha | Proprietary | 17 ppm | 5 mg/m3 | 10.0 – 18.0 |
| 1,2,4 Trimethylbenzene | 95-63-6 | 25 ppm (1989 std) | 25 ppm | 0.0 – 0.9 |
| 1,3,5 Trimethylbenzene | 108-67-8 | 25 ppm | 25 ppm | 0.0 – 0.2 |
| Naphthalene | 91-20-3 | 10 ppm | 10 ppm | 0.0 – 0.9 |

**RESPONSE:**

P301 + P312 + P331 IF SWALLOWED: Do NOT induce vomiting. Immediately call a poison center or doctor/physician.

P303 + P361 + P353 IF ON SKIN/HAIR: Remove/take off immediately all contaminated clothing. Rinse skin and water/shower.

P304 + P340 + P312 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison center or doctor/physician if you feel unwell.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.

P333 + P313 If skin irritation or rash occurs, get medical advice/attention.

P370 + P378 IN CASE OF FIRE: Use dry sand, dry chemical, or alcohol-resistant foam to extinguish.

**STORAGE:**

P403 + P233 + P235 Store in a well-ventilated place. Keep container tightly closed. Keep cool.

**DISPOSAL:**

P501 Dispose of contents/container in accordance with local/federal regulations.

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**NORMAL HANDLING:** Always use good industrial hygiene practices and safety guidelines.

**STORAGE:** Store material in its original container. Keep containers tightly closed when not in use. Keep material away from open flames, sparks, or other sources of heat and ignition.

**WASTE DISPOSAL METHOD:** Liquid material is an ignitable waste (D001). Dispose of material in accordance with Federal, State, and Local guidelines.

**SPECIAL PRECAUTIONS:** Use proper bonding/grounding techniques to avoid static buildup/discharge, which can ignite vapors. Empty containers may contain explosive levels of vapor. Do not cut, drill, or weld on or near the containers.

**SECTION 7: HANDLING / STORAGE**

**IF MATERIAL IS RELEASED OR SPILLED:** No health affects expected from the clean-up of the materials if contact can be avoided. Follow the protection information found in Section 8 of this SDS. Ventilate the contaminated area. Prevent the spread of spilled material by using a suitable absorbent material or sand dam.

**SECTION 6: SPILL OR LEAK PROCEDURES**

**FLAMMABLE LIMITS:** LEL= 1.0 UEL= 6.8

**SPECIAL FIRE FIGHTING PROCEDURES:** Evacuate the area and fight fire from a distance. Firefighters wear NIOSH approved self-contained breathing apparatus. Cool containers exposed to fire with water. Vapors are heavier than air and may travel along the ground to distant ignition sources. Do not allow runoff from firefighting to enter drains or water courses.

**APPEARANCE:** Clear to amber liquid. **LOWER/UPPER FLAMMABILITY:** 1.0 – 6.8.

**ODOR:** Camphor-like. **VAPOR PRESSURE:** 55 hPa @ 20°C.

**ODOR THRESHOLD:** 71 ppb. **VAPOR DENSITY:** No data available.

**pH:** None. **DENSITY:** 0.87 g/cc.

**FREEZE/MELT POINT:** <-70°F.  **SOLUBILITY:** No data available.

**BOILING POINT:** 208°F. **PARTITION COEFFICIENT:** No data available.

**FLASH POINT:** 40°F. **AUTO-IGNITION TEMP:** 850°F.

**EVAPORATION RATE:** 3.2 (butyl acetate=1). **DECOMPOSITION TEMP:** No data available.

**FLAMMABILITY:** No data available. **VISCOSITY:** 18 – 20 centipoise.

**SECTION 9: PHYSICAL DATA**

**RESPIRATORY PROTECTION:** Use NIOSH-approved organic vapor respirator when exposure levels can’t be kept below limits.

**VENTILATION:** Provide adequate mechanical ventilation to keep exposure levels below TLV’s,

**PROTECTIVE GLOVES:** Wear impervious chemical gloves.

**EYE PROTECTION:** Wear chemical safety glasses.

**CLOTHING/EQUIPMENT:** As needed to prevent repeated/prolonged contact.

**WORK/HYGIENIC PRACTICES:** Use only in adequately-ventilated areas unless recommended respiratory protection is used. Wash thoroughly with soap and water after handling and before eating, smoking, or using the washroom. If clothes become contaminated, change to clean clothing and wash contaminated clothes before re-use.

**SECTION 8: PROTECTION INFORMATION**

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**WASTE DISPOSAL METHOD:** Liquid material is an ignitable waste (D001). Dispose of material in accordance with all Federal, State, and Local regulations.

**SECTION 13: DISPOSAL INFORMATION**

**ACUTE TOXICITY TO FISH:** LL50 (96 hrs) 4.3 mg/L (Calculated).

**ACUTE TOXICITY TO AQUATIC INVERTEBRATES:** EL50 (48 hrs) 1.5 mg/L (Calculated).

**TOXICITY TO AQUATIC PLANTS:** EL50 algae 10.0 mg/L (Calculated).

**TOXICITY TO MICROORGANISMS:** High concentrations may be harmful to sewage treatment plant microbes.

**CHRONIC TOXICITY TO FISH:** No data available.

**CHRONIC TOXICITY TO AQUATIC INVERTEBRATES:** No data available.

**PERSISTENCE AND DEGRADABILITY:** Expected to degrade readily and rapidly in the presence of oxygen.

**BIOACCUMULATION POTENTIAL:** This material is not expected to bioaccumulate.

**MOBILITY IN SOIL:** Expected to move slowly in soil and water.

**OTHER ADERVSE EFFECTS:** No data available.

**SECTION 12: ECOLOGICAL DATA**

**ROUTES OF EXPOSURE:** Inhalation, ingestion, eyes and skin.

**ACUTE TOXICITY LETHAL DOSES (ATE):** LC50 (inhl) 19.7 mg/L

LD50 (oral) 4587 mg/kg

LD50 (skin) 2632 mg/kg

**HEALTH HAZARDS**

**ACUTE:** May cause eye, skin, gastrointestinal, and lunch irritation. May cause central nervous system depression.

**CHRONIC:** Prolonged and repeated exposures to high concentrations may cause liver and kidney damage.

**SKIN CONTACT:** May cause irritation and redness. Prolonged or repeated exposure can cause defatting and drying of the skin which may result in a burning sensation and a dried, cracked appearance.

**EYE CONTACT:** Causes redness, tearing, irritation of the eyes. Direct contact may cause moderate eye irritation.

**INHALATION:** May cause headaches, nausea, dizziness, and loss of coordination. Continued inhalation may result in unconsciousness.

**INGESTION:** May be harmful if swallowed. Aspiration of the material into the lungs can cause chemical pneumonitis, which can be fatal.

**CARCINOGEN:** Contains trace amounts (0.0 – 0.9% w/w) of Napthalene, which is IARC category 2B possible carcinogen.

**AGGRAVATION PRE-EXISTING CONDITIONS:** Persons with pre-existing skin, eye, or lung disorders may be more susceptible to the effects of the substance.

**SECTION 11: TOXICITY DATA**

**REACTIVITY:** Stable.

**CONDITIONS TO AVOID:** Prevent vapor accumulation. Avoid heat and flames.

**INCOMPATIBILITY:** Strong oxidizers, acids, alkalies and nitrates.

**HAZARDOUS DECOMPOSITION:** Carbon monoxide, carbon dioxide, isobutylene, and acetic acid.

**HAZARDOUS POLYMERIZATION:** Should not occur.

**SECTION 10: REACTIVITY DATA**

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**FOR ALL MODES**

**PROPER SHIPPING NAME:** PAINT

**HAZARD CLASS:** 3

**UN:** UN1263

**PACKING GROUP:** PGII

**MARINE POLLUTANT:** No

**SECTION 14: TRANSPORTATION INFORMATION**

**SECTION 16: ADDITIONAL INFORMATION**

**SARA 313/312:** Yes. (Fire, Acute, and Chronic)

**OSHA:** This material is hazardous by definition of Hazardous Communications Standard (29 CFR 1910.1200).

**TSCA:** Components of this material are either listed or are exempt from the EPA TSCA Inventory of Chemical Substances.

**CALIFORNIA PROPOSITION 65:** WARNING! This product contains a chemical known to the State of California to cause cancer.

91-20-3 Naphthalene

**MASSACHUSETTS RIGHT-TO-KNOW:** 91-20-3 Naphthalene 0.0 – 0.9%

95-63-6 1, 2, 4 Trimethylbenzene 0.0 – 0.9%

108-67-8 1, 3, 5 Trimethylbenzene 0.0 – 0.2%

Proprietary Glycol Ether 1.5 – 2.5%

**PENNSYLVANIA RIGHT-TO-KNOW:** Proprietary Solvent Naphtha 10.0 – 18.0%

91-20-3 Naphthalene 0.0 – 0.9%

95-63-6 1, 2, 4 Trimethylbenzene 0.0 – 0.9%

108-67-8 1, 3, 5 Trimethylbenzene 0.0 – 0.2%

Proprietary Glycol Ether 1.5 – 2.5%

**NEW JERSEY RIGHT-TO-KNOW:** Proprietary Solvent Naphtha 10.0 – 18.0%

91-20-3 Naphthalene 0.0 – 0.9%

95-63-6 1, 2, 4 Trimethylbenzene 0.0 – 0.9%

108-67-8 1, 3, 5 Trimethylbenzene 0.0 – 0.2%

Proprietary Glycol Ether 1.5 – 2.5%

**SECTION 15: REGULATORY INFORMATION**

**The regulatory information provided is not intended to be comprehensive. Other Federal, States and Local regulations may apply to this material.**

*The information contained herein is based on the data available to us and is believed to be correct. However, we make no warranty, expressed or implied regarding the accuracy of the data or the results to be obtained from the use thereof. We assume no responsibility for injury from the use of this product described herein.*