



MATERIAL SAFETY DATA SHEET

CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

COMPANY NAME : Star Adhesive & Resin Ind. Factory,
PO Box-26551 Sharjah. UAE
Tel- 00971-6-5398855 / Fax- 00971-6-5398585
PRODUCT BRAND : STARFIX
PRODUCT NAME : WF-AC-603
PRODUCT DESCRIPTION : Acrylic Based Waterproof coating

COMPOSITION/ INFORMATION ON INGREDIENTS

Components CAS # Exposure Limits % by Wt

OSHA(PEL/TWA) ACGIH (TLV/TWA) OTHER
Water 7732-18-5 NE NE --- 10-20
Acrylic Polymer Trade Secret NE NE --- 30-40
Titanium Dioxide 13463-67-7 NE NE --- 3-5
Tremolite 14567-73-8 NE NE --- 1-5
Talc 14807-96-6 20 mppfc 2 mg/m₃ (resp) --- 20-30
Serpentine 12135-86-3 NE NE --- 5-8
Ethylene Glycol 107-21-1 — 50 ppm (ceiling) --- 2

PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Paint like colored liquid
Odor: Acrylic odor
Boiling Point: 212°F
Melting Point: Not applicable
Vapor Pressure (mm/Hg): 17 @20°C
Vapor Density (Air = 1): <1.0
Solubility in Water: 100%
Specific Gravity (H₂O = 1): 1.2-1.3
Evaporation Rate (n-Butyl Acetate = 1): <1.0
VOC: 0.79 lbs/gal (95 grams/liter)

STABILITY & REACTIVITY

Chemical Stability: Stable under normal conditions
Conditions to Avoid: Freezing and temperatures above 340°F
Incompatibility (materials to avoid): None
Hazardous Decomposition or By-products: May yield acrylic monomers
Hazardous Polymerization: Will not occur



HAZARDOUS INGREDIENTS

CAUTION

May Cause Eye Irritation

Potential Health Hazards - Acute

EYE CONTACT: Direct contact may cause irritation.

SKIN CONTACT: Prolonged or repeated exposure may cause slight irritation.

INHILATION: Exposure to mist may cause headache, nausea and/or other symptoms of upper respiratory tract irritation.

INGESTION: Unlikely in hazardous amounts. Ingestion of very large amounts may damage the central nervous system, gastrointestinal system and/or kidneys.

Potential Health Effects - Chronic:

Animal test results suggest Ethylene Glycol may cause liver, kidney and birth defects. However, there is no available information to suggest Ethylene Glycol has caused birth defects in humans.

Carcinogenicity: NTP IARC Monographs OSHA Regulated

NO NO NO

FIRST AID MEASURES

EYE CONTACT: Contact lenses must be removed. Flush with copious quantities of water for at least 15 minutes. Consult a physician immediately.

SKIN CONTACT: Remove contaminated clothes. Wash skin with soap and water or a recognized skin cleaner. Do not use solvents or thinners.

INHILATION: Move to fresh air. Give artificial respiration if required.

INGESTION: Do not induce vomiting. Drink water and call a physician immediately.

First Aid Facilities:

ADVICE TO DOCTOR: Treat symptomatically.

FIRE FIGHTING MEASURES

FLASH POINT (method used): Not applicable

FLAMMABLE LIMITS (% volume in air): Lower = Not applicable Upper =Not applicable

AUTO IGNITION TEMPERATURE: Not applicable

EXTINGUISHING MEDIA: Media appropriate for surrounding fire.

HAZARD COMBUSTION PRODUCTS: Thermal decomposition may yield acrylic monomers.

FIRE FIGHTING INSTRUCTIONS: Wear positive pressure, self-contained breathing apparatus.

ACCIDENTAL RELEASE MEASURES

SPILL: Contain spilled material by diking. Absorb with inert material, then place in chemical waste container for later disposal. Keep spills out of municipal sewers and open bodies of water.



HANDLING and STORAGE

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. Protect from freezing.

EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE CONTROL: None required

PERSONAL PROTECTION: Safety glasses and rubber gloves should be worn to minimize contact with this material. A source of clean water should be available in work area for flushing eyes and skin.

TOXICOLOGICAL INFORMATION

Components Oral LD50 Dermal LD50 Inhalation LC50

(rat) (rabbit) (rat)

Not available

ECOLOGICAL INFORMATION

No data available.

DISPOSAL CONSIDERATIONS

Dispose of in accordance with all federal, state, and local regulations. If uncertain of local requirements, contact the proper environmental authorities for disposal.

This material does not meet RCRA's characteristic definition of ignitability, corrosivity, or reactivity, and is not listed in 40 CFR 261.33. The toxicity characteristic (TC), however has not been evaluated by the Toxicity Characteristic Leaching procedure (TCLP).

TRANSPORTATION INFORMATION

For U S National Shipments:

Shipping Description: Non-Regulated Material

Emergency Response Guide Number: Not applicable

Hazard Class: Not applicable

REGULATORY/ TRANSPORT INFORMATION

OSHA: This material is non-hazardous under the OSHA Hazard Communication Standard.

CERCLA Reportable Quantity: Not applicable



SARA Title III:

Section 311/312 hazard categories: Not applicable

Section 313 reportable ingredients:

Components CAS # Maximum %

NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE.

Not subject to CPL/ADR restrictions.

MANUFACTURER DISCLAIMER:

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