



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 : Star Acryseal
PRODUCT DESCRIPTION : DUCT SEALANT

COMPOSITION INFORMATION ON INGREDIENTS

Chemical Name	CAS #	Present	OSHA PEL
Calcium carbonate	471-34-1	15-40	TWA (Respirable dust) (6 mg/m ³) TWA (Total dust) 18 mg/m ³
Clay	1332-58-7	12-35	TWA (Respirable dust) (6 mg/m ³) TWA (Total dust) 11 mg/m ³
Tio ₂	1346-67-7	2-8	TWA (Respirable dust) (11 mg/m ³)
Silica	14808-60-7	0.1-1	TWA (Respirable dust) (6 mg/m ³)
Vinyl acetate	108-05-4	0.1-1	TWA 10 ppm STEL 20 ppm

PHYSICAL AND CHEMICAL DATA

VAPOR PRESSURE: ND SPECIFIC GRAVITY: 1.6 EVAPORATION RATE (BuAc=1): >1
SOLUBILITY IN WATER: miscible VOC: 0% pH: <8
APPEARANCE White/Gray Viscous paste Flash Point : Not applicable water based.
Oxidising Properties: Not applicable.

STABILITY AND REACTIVITY

STABILITY: Stable. Under recommended handling and storage conditions.
CONDITIONS TO AVOID: High temperatures.
HAZARDOUS DECOMPOSITION PRODUCTS: Corrosive fumes, toxic PO_x fumes, from combustion – smoke, CO, CO₂.
HAZARDOUS POLYMERIZATION: Will not occur.



HAZARDS IDENTIFICATIONS

EMERGENCY OVERVIEW: Safe water based product. Avoid contact with skin or eyes. Harmful if inhaled or swallowed.

POTENTIAL HEALTH EFFECTS:

INHALATION: Inhalation of vapor or mist should be avoided. Symptoms include coughing, wheezing, laryngitis, and shortness of breath, headache, nausea, and vomiting.

EYE CONTACT: Contact of material with eye should be avoided.

SKIN CONTACT: This material is non-corrosive to all body tissues.

INGESTION: Causes nausea, vomiting, and loss of consciousness.

FIRST AID MEASURES

INHALATION: Move victim to fresh air and, if needed, immediately begin artificial respiration. Give oxygen if breathing is labored. Get emergency medical help. Contact a physician immediately.

EYE CONTACT: Flush eyes with water for 15 minutes. Get medical attention.

SKIN CONTACT: Flush with water or soap and water for 15 minutes or until all traces have been removed. Seek medical attention if symptoms develop and persist.

INGESTION: Do not induce vomiting. Rinse mouth out with water. Get immediate medical attention.

HANDLING AND STORAGE

HANDLING: Avoid contact with skin, eyes, and clothing. After handling this product, wash hands before eating, drinking or smoking. If contact occurs, remove contaminated clothing. If needed, take first aid action shown in section IV. Launder contaminated clothing before reuse.

STORAGE: Store away from foodstuffs,

TOXICOLOGICAL INFORMATION	
CHEMICAL NAME	LD50/LC50
Calcium carbonate	Oral LD50 Rat= 6450mg/kg
Clay	Not established
Titanium dioxide	Not established
Silica	Not established
Vinyl acetate	Oral LD50 Rat=2920 mg/kg Inhalation LC50 Rat =11400 ml/cu/m Dermal LD50 Rabbit =2335 mg/kg

However no serious chronic effects have been evident from handling under industrial conditions.



FIRE FIGHTING MEASURES

FLASHPOINT (TEST METHOD): None
FLAMMABLE LIMITS: LOWER: NA UPPER: NA
AUTOIGNITION TEMPERATURE: NA
FIRE FIGHTING INSTRUCTIONS: Approach fire from upwind side. Avoid breathing smoke, fumes, mist, or vapors on the downwind side. Firefighters wear protective clothing and self-contained breathing apparatus.
EXTINGUISHING MEDIA: Dry powder, carbon dioxide (CO₂), water fog or spray.
HAZARDOUS COMBUSTION PRODUCTS: Smoke, irritating vapors, CO, CO₂.

EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Local exhaust ventilation recommended.
PERSONAL PROTECTION: If TLV is exceeded wear NIOSH approved respirator. Use heavy rubber type gloves, full-face shield and boots, aprons, drench showers, eye wash as needed for protection against spills and/or splashes.
HYGENIC WORK : Maintain good standard of personal hygiene. DO NOT prepare, consume or store foodstuffs in areas of product use.

TRANSPORTATION INFORMATION

PROPER SHIPPING NAME: Non Corrosive liquid, alkaline, inorganic,
DOT Emergency Guide #: 154
Reportable Quantity (RQ): Not applicable
NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE.

Not subject to CPL/ADR restrictions.



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