



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 : AD-LS-5500
PRODUCT DESCRIPTION: Water based adhesive

PHYSICAL AND CHEMICAL DATA

VAPOR PRESSURE: ND
SPECIFIC GRAVITY: 1.2
EVAPORATION RATE (BuAc=1): >1
SOLUBILITY IN WATER: Miscible
pH: 8-8.5
ODOR: Mild
APPEARANCE: White paste
FLASH POINT: As water

COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENTS

Chemical Name CAS Number Proportion

polyvinyl acetate 9003-20-7, 25 - 50%

butyl Acrylate 141-32-2, 10-30%

Acrylic acid 79-10-7, 5-10%

STABILITY AND REACTIVITY

STABILITY: Stable.
CONDITIONS TO AVOID: High temperatures.
HAZARDOUS POLYMERIZATION: Will not occur.
AD-LS-5500 is stable in normal condition.

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: Remove 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

Long term experience of handling this class of product under industrial conditions indicates the absence of any chronic or acute effects.

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.

TRANSPORTATION INFORMATION

PROPER SHIPPING NAME: Non Corrosive liquid, alkaline, inorganic,

DOT Emergency Guide #: 154

Reportable Quantity (RQ): Not applicable



DISPOSAL INFORMATION

AD-LS-5500 is not classified as a hazardous waste. The polymer and filler can be coagulated and separated from the aqueous phase for land fill or incineration. Existing EEC, National and Local Regulations must always be complied.

TRANSPORT INFORMATIONS

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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