



## SECTION 1 – PRODUCT & COMPANY IDENTIFICATION

**PRODUCT NAME:** STRONG FIX HP SILVER SYNTHETIC RESIN ADHESIVES  
**SUPPLIER:** HP ADHESIVES LIMITED

**PRODUCT USE:** PVA Adhesive

**ADDRESS:** G-11 Unique House, Chakala Road  
Andheri (E) Mumbai 400099 INDIA  
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**EMERGENCY:** Transportation: CHEMTEL Tel. 800.255-3924, 813-248-0585 (International)

**MEDICAL:** Tel. 800.451.8346, 760.602.8703 3E Company (International)

## SECTION 2 – HAZARDOUS IDENTIFICATION

On available data STRONG FIX HP SILVER SYNTHETIC RESIN ADHESIVES has no hazard classification according to SS/ 379/ EEC. The surfactants and to a lesser extent the free monomer present in polymer dispersions can cause dermatitis through repeated contact in sensitive individuals. Eye contact may cause irritation.

## SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Homopolymer of vinyl acetate monomer stabilized by partially hydrolyzed poly vinyl alcohol and compounded with tackifiers and additives.

## SECTION 4 – FIRST AID MEASURES

<b>SKIN CONTACT</b>	Wash with water before the dispersion dries. Remove contaminated clothing.
<b>EYES CONTACT</b>	Wash with water for several minutes. Seek medical advice if irritation persists.
<b>INGESTION</b>	Give plenty of water to drink and obtain medical advice.

## SECTION 5 – FIREFIGHTING MEASURES

Aqueous dispersions will not burn Dried films are combustible. Water, foam, carbon dioxide or dry powder extinguishers are all suitable.

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

Spilling should not be washed into any drain unless it leads to a suitable effluent treatment process. Residues and spillages should be soaked up with an inert absorbent (e.g. sand) for disposal.

## SECTION 7 – HANDLING AND STORAGE

**Handling:** STRONG FIX HP SILVER SYNTHETIC RESIN ADHESIVES should be handled in accordance with good industrial safety and hygiene practices. Small levels of volatile organic compounds may accumulate in the headspace of containers which should be opened in ventilated surroundings.

**Storage:** Sealed containers should be stored between 5 °C and 25 °C. Bulk tanks should be externally vented.

## SECTION 8 - PRECAUTIONS TO CONTROL EXPOSURE / PERSONAL PROTECTION

### Exposure controls

Local exhaust ventilation may be required in circumstances where the product is sprayed, heated or dried.

### Personal protection

Respiratory	- Mask, when spraying.
Hand	- Gloves, if risks of skin contact.
Eye	- Goggles, if risk of splashing.
Skin	- Standard industrial overalls if splashing.

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

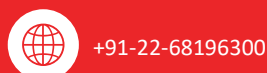
Appearance	- White Paste.
Odour	- Slight Odour.
pH	- 4.5 to 6.5
Flammability and Autoignition	- n/a
Vapour pressure	- AS water
Water solubility	- Fully miscible
Relative density	- Approx. 1.05 ±0.05 at 25° C

## SECTION 10 - STABILITY AND REACTIVITY

STRONG FIX HP SILVER is stable under normal conditions of use.

## SECTION 11 - TOXICOLOGICAL INFORMATION

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



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### SECTION 12 - ECOLOGICAL INFORMATION

STRONG FIX HP SILVER SYSTHETIC RESIN ADHESIVES is totally miscible with water and will be progressively diluted if admitted to waterways. The base polymer is only slowly biodegraded (removal -80 % by method OECD 302B). In less concentrations (-500 mg.liter) the product exhibits low toxicity to fish (OECD 203) Low concentrations of STRONG FIX HP SILVER SYSTHETIC RESIN ADHESIVES are unlikely to reduce sludge activity in sewage treatment. The polymer will be largely absorbed on the sludge and is consequently removed from the wastewater.

### SECTION 13 - WASTE DISPOSAL CONSIDERATIONS

STRONG FIX HP SILVER SYSTHETIC RESIN ADHESIVES is not classified as hazardous waste. The polymer can be coagulated and separated from the aqueous phase for landfill or incineration. The residual liquid should not be discharged to sewage treatment without prior consent. Details of methods for clarifying water containing emulsion can be provided on request. Existing EEC, national and local regulations must always be complied with.

### SECTION 14 - TRANSPORT INFORMATION

STRONG FIX HP SILVER SYSTHETIC RESIN ADHESIVES not classified as hazardous for transportation.

### SECTION 15 - REGULATORY INFORMATION

EEC Hazard classification - none

The product contains only substances which are on the European Inventory of Existing Chemical Substances (EINECS)

### SECTION 16 - OTHER INFORMATION

The information provided in this safety data sheet is based on the present state of our knowledge. This data is intended to enable safety assessments to be made and should not be construed as guaranteeing specific properties. Users are recommended to consult technical information sheets for advice on specific applications.

