



Sai Acrylics & Coatings
Chemistry ... at its best!

WATER BASED PRESSURE SENSITIVE ADHESIVE



At the outset, we introduce ourselves as manufacturers and exporters of Quality Pressure Sensitive Adhesives under the brand name of **ACRYFIX**. It is a milky white water based acrylic emulsion adhesive and is excellently tacky. The adhesion is provided by mere finger pressure. Due to its ease of application, **ACRYFIX** finds extensive use in the making of Paper & film label stocks, Holograms, Speciality tapes & labels, Self-adhesive BOPP tapes, Stickers, Tattoos, Bindies etc. We are committed to delivering products and services that meet our customer's service and quality expectations. We aim at total customer satisfaction by Operating quality systems that comply with the highest global quality management standards.

Product Identification:

Class of Product: Viscous Aqueous Adhesive
Trade Name: Pressure Sensitive Adhesive ACRYFIX PS-502
Hazardous Ingredients: None

Physical Data:

Boiling Point: 100° C
Vapour Density: Same as water
Evaporation Rate: Same as water

Appearance : Milky White Viscous Emulsion
Odour : Characteristically Mild
Solubility in Water : Yes
Specific Gravity : 0.97-0.98

Specifications:-

Polymer Type : Reactive Copolymer
% Solids : 52± 1
PH : 4-5

Film : Clear, transparent, no mass transfer
Flow : Good
Stability : Very good (no separation Upto 1yr. or more)

Viscosity(Brookfield Visco-meter 3/50)
Above 50 Poise

Fire & Explosion Hazard Data:

Flammability Limits : Non-flammable
Extinguishing Media : CO₂, Chemical Foam, water fog
Special Fire Fighting Features : Wear self contained breathing gear when in confined area

Reactivity Data :

Conditions to avoid : Excessive heat or cold.
Stability : Stable.
Incompatibility : None known.
Hazardous Decomposition Products : None known.
Hazardous Polymerization : Will not occur.

Precautions for Handling and Use:

Ventilation: Local ventilation.
Protective Gloves: Recommended.
Eye Protection: Safety glasses.
Hygienic Practices: Wash with soap and water after exposure.
Respiratory Protection: Not required with adequate ventilation.
Other Protective Equipment: None.
Spills: Cover small spills with inert absorbent, then sweep up and place in waste disposal container.

Health Hazard Data:

Effects of Overexposure : No known chronic Over exposure effects.

Emergency and First Aid Procedure:

Eye contact may cause irritation. In case of eye contact, flush with water for 10-15 minutes. If irritation persists, consult a physician.

Skin Contact: prolonged contact may cause slight irritation of the skin. Wash with soap and water. If swallowed, consult a physician.

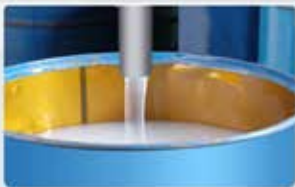
Inhalation : if symptomatic, move to fresh air. Get medical attention if symptoms occur.

Special Precautions/Other Comments:

Precautions to be taken in handling and storing :
Store at Room Temperature. Do not allow product to freeze.
Other precautions : None

* Data Same For Lamination & wood work adhesive

LAMINATION ADHESIVE



At the outset, we introduce ourselves as manufacturers and exporters of Quality Lamination Adhesives under the brand name of **ACRYLAM**. It is a milky white water based acrylic emulsion adhesive and upon application and drying is completely transparent. The adhesion provided by our Lamination Adhesive is excellent. Our lamination adhesive is mainly used for BOPP, PVC laminations and varnished cartons. We are committed to delivering products and services that meet our customer's service and quality expectations. We aim at total customer satisfaction by Operating quality systems that comply with the highest global quality management standards.

Product Identification:

Class of Product : Viscous Aqueous Adhesive
Trade Name : Lamination Adhesive
ACRYLAM L-505
Hazardous Ingredients : None

Physical Data:

Boiling Point : 100° C
Vapour Density : Same as water.
Evaporation Rate : Same as water.

Appearance : Milky White Viscous Emulsion
Odour : Characteristically Mild
Solubility in Water : Yes
Specific Gravity : 0.97-0.98

Specifications :-

Polymer Type : Reactive Copolymer
% Solids : 55± 1
PH : 4.5-5

Viscosity : Above 50 Poise
Film : Clear, glossy and slightly tacky
Flow : Good

Viscosity (BrookeField) : Above 50 Poise
Shelf Life : 1 year in unopened container

WOOD WORK ADHESIVE



At the outset, we introduce ourselves as manufacturers and exporters of Quality Acrylic Co-Polymer Synthetic Resin Adhesives under the brand name of **ACRYWUD**. It is a milky white water based acrylic emulsion adhesive with excellent coverage. The adhesion provided by **ACRYWUD** is superlative be it Wood/Wood or Wood/Formica. Due to its excellent bond strength, good coverage, viscosity stability and workability at very low temperature (upto -5 deg C), **ACRYWUD** finds extensive use in the making of Furnitures or Wooden fixtures. We are committed to delivering products and services that meet our customer's service and quality expectations. We aim at total customer satisfaction by Operating quality systems that comply with the highest global quality management standards.

Product Identification:

Class of Product: Viscous Aqueous Adhesive
Trade Name: Wood Working Adhesive ACRYWUD
Hazardous Ingredients: None

Physical Data:

Boiling Point: 100° C
Vapour Density: Same as water
Evaporation Rate: Same as water

Appearance : Milky White Viscous Emulsion
Odour : Characteristically Mild
Solubility in Water : Yes
Specific Gravity : 1.03-1.09

Specifications:-

Polymer Type : Reactive Copolymer
% Solids : 35-47
PH : 5-5.5

Flow : Good
Stability : Very good (no separation Upto 1yr. or more)

Viscosity(Brookfield Visco-meter 3/50)
 Ranging from 200-500 Poise

SOLVENT BASED PRESSURE SENSITIVE ADHESIVE



At the outset, we introduce ourselves as manufacturers and exporters of Quality Solvent Based Pressure Sensitive Adhesives under the brand name of **ACRYFIX-V**. **ACRYFIX-V** is a reactive Polymer solution in Ethyl acetate. It dries to give a permanently tacky film with immediate adhesion to most surfaces. It is extremely valuable for pressure-sensitive adhesive applications and for laminating plastic foils to paper, board, print and plastic. The use of **ACRYFIX-V** is advantageous due to its excellent shear strength, high tack & peel strength, Resistance to plasticiser migration and Freedom from ageing and degradation by heat or light. We are committed to delivering products and services that meet our customer's service and quality expectations. We aim at total customer satisfaction by Operating quality systems that comply with the highest global quality management standards.

Product Identification:

Class of Product: Viscous Aqueous Adhesive
Trade Name: Pressure Sensitive Adhesive ACRYFIX -V502
Hazardous Ingredients: None

Physical Data:

Boiling Point: ~82° C
Evaporation Rate: Highly Volatile
Solubility in Water : No

Appearance : Transparent Viscous Emulsion
Odour : Characteristically Moderate (Ester)
Viscosity (BrookeField) : 50-100 Poise

Specifications:-

Polymer Type : Reactive Copolymer
Solvent Medium: Ethyl Acetate
% Solids : 50-52

Appearance : Clear Transparent
Viscosity : 50-100 Poise
Film : Clear, tacky

pH : 4-5
Flow : Good
Shelf-Life : 5-6 Months

Fire & Explosion Hazard Data:

Flammability Limits : Flammable
Extinguishing Media : CO₂, Chemical Foam, water fog
Special Fire Fighting Features : Wear self contained breathing gear when in confined area.

Precautions for Handling and Use:

Ventilation: Local ventilation.
Protective Gloves: Recommended.
Eye Protection: Safety glasses.
Hygienic Practices: Wash with soap and water after exposure.
Respiratory Protection: Not required with adequate ventilation.
Other Protective Equipment: None.
Spills: Cover small spills with inert absorbent, then sweep up and place in waste disposal container.

Special Precautions/Other Comments:

Precautions to be taken in handling and storing :
 Store at Room Temperature. Do not allow product to freeze.
Other precautions : None

Reactivity Data :

Conditions to avoid : Excessive heat or cold.
Stability : Stable.
Incompatibility : None known.
Hazardous Decomposition Products : None known.
Hazardous Polymerization : Will not occur.

Health Hazard Data:

Emergency and First Aid Procedure :
 Eye contact may cause irritation. In case of eye contact, flush with water for 10-15 minutes. If irritation persists, consult a physician.
Skin Contact : prolonged contact may cause slight irritation of the skin. Wash with soap and water. If swallowed, consult a physician.
Inhalation : if symptomatic, move to fresh air. Get medical attention if symptoms occur.



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