



SYNPOL PRODUCTS PRIVATE LTD.

Regd Office & Factory: 77, G.V.M.S. AUDYOGIC VASAHAT LTD.,
ODHAV, AHMEDABAD – 382 415, INDIA

PRODUCT CODE: ACRYLIC / 06.19

SYNPOL AW-78

TYPE : Water soluble Acrylic resin.

DESCRIPTION : Water based Grinding Solid Resin.

SPECIFICATIONS :

1) Appearance	Colorless solid lumps
2) % Solids @ 120 ⁰ C/ 2 Hrs.	98.5 % minimum
3) Melting Point ⁰ C, by capillary method	140 - 150
4) Acid value, mg. KOH / gm.	190 - 210

APPLICATIONS : Synpol AW-78 is mainly used as the grinding resin for high quality water based ink (adhesive). It may be used alone or mixed with acrylic emulsion. The water based ink can be used for printing on corrugated paper or copper plate paper.

CHARACTERISTICS :

1. It has excellent pigment wetting and color extending capability, especially for dispersion of organic pigments. It is used as grinding resin for high content pigment base.
2. It has excellent film forming capability and hence used independently as the water based ink adhesive.
3. It has excellent adhesion to clean and smooth surface and hence water based ink made from it can be printed on coating newsprint and copper plate paper.
4. It has excellent printing adaptability and dries easily and hence it is suitable for high speed printing.
5. It has excellent mixing adaptability and can be mixed with other water soluble resin and acrylic emulsion.
6. It has excellent water proof-ness.

SUGGESTIVE FORMULATION :

Synpol AW-78	35.40
Ammonia (25 %)	10.40
M.E.G.	1.40
Iso Propyl Alcohol	2.90
D. M. Water	<u>49.90</u>
Total	100.00

Method : Charge the above ingredients to flask and prepare the solution under reflux and continuous stirring till homogeneous clear liquid.

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DISCLAIMER: Above Specifications are subject to change without prior notice and company reserves the right to modify the same at any time

MATERIAL SAFETY DATA :

Product name	Synpol AW-78
Flash point ° C. (Abel closed cup)	> 200
Flammability	Non inflammable
Toxicity	Non - toxic
Handling	None of the protection equipments are required. Normal ventilation is required.

Emergency treatment and measures

1 Hygienic precautions	Normal ventilations.
2 Hygienic treatments (First Aid)	Flush eyes thoroughly with water. Apply ophthalmic cortisone for conjunctivitis and keratities. Wash out contaminated skin with soap and water. Gastric lavage (stomach wash), if swallowed, followed by saline catharsis.
3 Fire precautions (in case of outbreaks)	Use dry chemical or carbon dioxide. Water spray may help to keep cool.

Spills and leakage Collect solid material and burn under hood in incinerator.

Disposal and waste treatment Spray into furnace under controlled conditions.

STORAGE :

Synpol AW-78 should be stored in cool place under shade. The properties are so adjusted to have storage stability of minimum 6 months.

PACKING :

25 kgs. Net polylined HDPE bags.

DISCLAIMER :

Information in this literature is to the best of our knowledge true and accurate. However, since conditions under which our products may be used are beyond our control, recommendations are made without warranty or guarantee.

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