
MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Chemical identification:

Name : Modified Acrylic Resin
Product identification No : Anabond's Precision Poly Cement

Company:

Registered company name : Anabond Ltd.
Address : Type II, 36 Dr. V. S. I. Campus,
Thiruvannamiyur, Chennai - 600 041,
India .
Phone: +91 - 44 - 2346 0057
Fax : +91 - 44 - 2346 0062
Emergency Telephone No: +91 - 44 - 2346 0064 / 65

2. INFORMATION REGARDING CONSTITUTENTS

Hazardous substances present on their own.

This composition contains no hazardous substance in this category.

Other substances representing a hazard:

Elvacite 4086 concentration $\geq 2.5\%$ and $< 20.00\%$. Symbol: Xi R : 36

Butyl Acetate concentration $\geq 10\%$ and $< 90.00\%$.

Substances present at a concentration below the minimum danger threshold.

No known substance in this category present.

Other substances with occupational exposure limits.

CAS 123-86-4 Butyl Acetate Concentration $\geq 10\%$ and $< 90.00\%$.
Symbol: F R : 11

3. IDENTIFICATION OF HAZARDS

This product is classed: Highly flammable liquid.



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4. FIRST AID

As a general rule, in case of doubt or if symptoms persist, always call a doctor. NEVER induce swallowing in an unconscious person.

In the event of exposure by inhalation

In the event of inhalation, move the patient into the fresh air keep him/her warm and still.
If breathing is irregular or has stopped, effect mouth-to-mouth resuscitation and call a doctor.

Do not give the patient anything orally.
If the person is unconscious, place in the recovery position and call an ambulance.

In the event of splashes or contact with eyes

Wash thoroughly with soft, clean water for 15 minutes holding the eyelides open. Refer the patient to an ophthalmologist, in particular if there is any redness, pain or visual impairment.

In the event of splashes or contact with skin

Remove contaminated clothing and wash the skin thoroughly with soap and water or a recognised cleaner. DO NOT use solvents or thinners.

In the event of swallowing

In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor.
Keep still. DO NOT induce vomiting.
Call a doctor immediately and show him the label.

5. FIRE \FIGHTING MEASURES

Chemical powders, carbon dioxide and other extinguishing gas are suitable for small fires.

In the event of fire, the recommended extinguishing agents are:

Special foams for polar liquids (Known as alcohol resistant), powders, carbon dioxide. In the event of fire, use specifically suitable extinguishing agents. Never use water.

Extinguishing agents not to be used

Water is not generally recommended since it can be ineffective; however, it can be used successfully to cool containers exposed to the fire and to disperse fumes.
A fire will often produce a thick black's smoke. Exposure to decomposition products may be hazardous to health. Do not breathe in smoke. Prevent the effluent of fire-fighting measures from entering drains or waterways.

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Special equipment for fire-fighting personnel.

Fire-fighting personnel are to be equipped with autonomous insulating breathing apparatus. Due to the toxicity of the gas emitted on thermal decomposition of the products, fire-fighting personnel are to be equipped with autonomous insulating breathing apparatus.

6. MEASURES TO BE TAKEN IN THE EVENT OF ACCIDENTAL SPILLAGE

Safety precautions:

Eliminate any possible source of ignition and ventilate the premises. Avoid inhaling the fumes.

Consult the safety measures listed under headings 7 and 8.

If a large quantity has been spilt, evacuate all personnel and only allow intervention by trained operators equipped with safety apparatus.

Environmental safety precautions:

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatom earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

Use drums to dispose of waste recovered in accordance with applicable regulations (see heading 13).

If the product contaminates waterways, rivers or drains, alert the relevant authorities in accordance with statutory procedures.

Cleaning methods:

Clean preferably with a detergent, do not use solvents.

7. HANDLING AND STORAGE

The regulations relating to storage premises apply to workshops where the product is handled.

Anyone with a history of skin sensitization must on no account handle such products

Handling:

Handle in well-ventilated areas.

The fumes are denser than air. They can spread along the ground and form explosive mixtures with air

Prevent the formation of flammable or explosive concentrations in air and avoid vapour concentrations higher than the occupational exposure limits.

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Fire prevention:

Prevent the accumulation of electrostatic charges with connections to earth
The preparation may become electrostatically charged; always place on the
Ground during transfer. Wear antistatic shoes and clothes and make floors of
Conductive materials. Uses the product in premises where there are no naked flames or
other source of ignition and have protected electrical equipment.
Keep packages tightly closed and away from sources of heat, spark and naked flames.

Do not use tools which may produce sparks. Do not smoke.
Prevent access by unauthorized personnel.

Recommended equipment and procedures

Observe precautions stated on label and also industrial safety regulations.
Packages which have been opened must be reclosed carefully and stored in an upright
position.
Avoid inhaling fumes. Carry out any industrial operation, which may give rise to this in a
sealed apparatus.
In all cases, recover emissions at source.
Provide fume extraction at the emission source and also general ventilation of
the premises.
Also provide breathing apparatus for certain short tasks of an exceptional nature and for
emergency interventions.
Where the personnel must carry out work in a booth, whether for spraying or otherwise, the
ventilation may be inadequate to control particles and solvent fumes in every case.
It is therefore recommended that personnel wear masks with a compressed air supply during
spraying operations until the concentration of particles and solvent fumes has fallen below
the exposure limits.
Do not breathe in aerosols.
Avoid contact or product with the skin and eyes

Prohibited equipment and procedures.

Smoking, eating and drinking are prohibited in premises where the preparation is
used Never open the packages under pressure.

Storage

Keep the container tightly closed in a dry, well-ventilated place
Keep away from all sources of ignition-do not smoke.
Keep well away from all sources of ignition, heat and direct sunlight
The floor must be impermeable and form a collecting basin so that, in the event of an
accidental spillage, the liquid cannot spread beyond this area.

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8. EXPOSURE CONTROL-PERSONAL SAFETY

Anyone with a history of skin sensitisation must on no account handle such products.

Technical measures

Ensure adequate ventilation, if possible with extractor fans at work posts and appropriate general extraction.

Check the atmosphere periodically.

If this ventilation is insufficient to maintain the concentration of fumes below the exposure limits, wear breathing apparatus.

Safety breathing apparatus:

With this preparation, avoid in particular any inhalation of fumes.

Hand protection

Protective creams may be used for exposed skin, but they should not be applied after contact with the product.

Due to the solvents present, it is recommended that butyl rubber or neoprene rubber gloves be worn.

Eye and face protection

Avoid contact with eyes.

Wear safety goggles.

Provide eye washes in workshops where the product is constantly handled.

Skin protection.

For further information see 11 of S.D.S. - Toxicological information.

9. PHYSICAL PROPERTIES (Typical value)

Density	-	0.93(approximately)
Acid/base character of preparation	-	Not relevant
Solubility of preparation in water	-	Insoluble
Vapour pressure at 50 deg C of volatile constituents	-	Below 110 Kpa (1.10 bar)
Physical state	-	Fluid liquid
Flash point interval	-	Flash point 25 deg C
the pH is impossible to measure or its value is not relevant.		
Self-ignition temperature	-	Not specified
Decomposition temperature	-	Not specified
Melting temperature interval	-	Not specified
Average distillation temperature of solvents contained	-	Not specified

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10. STABILITY AND REACTIVITY

When exposed to high temperatures, the preparation may release dangerous decomposition products such as carbon monoxide and dioxide, smoke and nitrogen oxide

Any apparatus likely to produce a flame or to have a metallic surface at high temperature (burners, electric arcs, furnace etc.) must not be allowed on the premises.

11. TOXICOLOGICAL INFORMATION

No data is available regarding the preparation itself.

Splashes in the eyes may cause irritation and reversible damage.

It is generally agreed that substances contained are likely to cause the appearance of major lesions which persist for at least twenty-four hours after application to the eye of an animal and are likely to cause significant irritation which lasts for at least twenty four hours after application to the healthy, unbroken skin of an animal for a period of up to 4 hours.

It is generally agreed that substances contained are likely to cause, among certain predisposed subjects, a sensitisation reaction by cutaneous route.

12. ECOLOGICAL INFORMATION

No ecological data on the product itself is available.

The product must not be allowed to run into drains or waterways.

12.1 Marine Pollutant

At present no data available

13. DISPOSAL CONSIDERATIONS

Do not pour into drains or waterways.

14. TRANSPORT INFORMATION

Shipping Name : Butyl acetate – Acrylic Polymer syrup.

Hazard class : 3 (Flammable Liquid)
UN Number : UN 1133 (Adhesives)
Packing Group : III (Least risk & Less than 50 gal drum packing)



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For regulatory information if required, consult transportation regulations or product shipping papers.

15. STATUTORY INFORMATION

This composition classified as highly flammable liquid.

Particular hazards associated with the preparation and safety recommendations:

R 11	Highly flammable.
S 26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S 24	Avoid contact with skin
S 37	Wear suitable gloves
S 23	Do not breathe gas/fumes/vapour/spray.
S 33	Precautionary measures against static charges.
S 16	Keep away from sources of ignition - no smoking.
S 51	Use only in well ventilated areas.
S 28	After contact with skin, wash immediately with plenty of water.
S 9	Keep container in a well-ventilated places.

16. OTHER INFORMATION

The information above is believed to be accurate and

The information contained in this MSDS is based on the present state of knowledge and believed to be accurate as of the effective date shown above. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability, resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purpose. In no event shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential, or exemplary howsoever arising, even if the company has been advised of the possibility of such damages. Regulatory requirements are subject to change and may differ from one location to another. It is the buyer's responsibility to ensure that its activities comply with federal state or provincial and local laws.

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