



Material Safety Data Sheet

A1 THIX A

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

Product name: A1 Thix A

Supplier: Acrylic One
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info@acrylicone.com

2. COMPOSITION/INFORMATION ON INGREDIENTS

This product is a preparation.

Component	CAS-No.	Concentration	Classification
Polyurethane resin	Not Hazardous	9 – 21 %	---
Water	7732-18-5	79 – 91 %	---

3. HAZARDS IDENTIFICATION

Eyes: Direct contact with material can cause the following:

Slight irritation

Skin: Prolonged or repeated skin contact can cause the following:

Slight irritation

Inhalation: Inhalation of vapour or mist can cause the following:

Irritation of nose, throat and lungs, headache, nausea

4. FIRST AID MEASURES

Inhalation: Move to fresh air.

Skin contact: Wash with water and soap as a precaution. If skin irritation persists, call a physician

Eye contact: Rinse with plenty of water. If eye irritation persists, consult a specialist

Ingestion: Drink 1 or 2 glasses of water. Consult a physician if necessary. Never give anything by mouth to an unconscious person.

5. FIRE-FIGHTING MEASURES

Thermal decomposition Monomer vapours can be evolved when material is heated during processing operations.

Suitable extinguishing media: Use extinguishing media appropriate for surrounding fire.

Specific hazards during firefighting: Material can splatter above 100C/212F. Dried product can burn.

Special protective equipment for fire-fighters: Wear self-contained breathing apparatus and protective suit.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Use personal protective equipment

Keep people away from and upwind of spill/leak.

Material can create slippery conditions.

Environmental precautions

CAUTION: Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

Methods for cleaning up

Contain spills immediately with inert materials (e.g., sand, earth).

Transfer liquids and solid diking material to separate suitable containers for recovery or disposal.

7. HANDLING AND STORAGE

Handling

Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Keep container tightly closed. Do not breathe vapours, mist or gas.

Further information on storage conditions: Keep from freezing - product stability may be affected

STIR WELL BEFORE USE.

Storage

Storage temperature: > 1 °C

Storage temperature: < 49 °C

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limit(s)

Exposure limits are listed below, if they exist

Eye protection: safety glasses with side-shields

Hand protection: The glove(s) listed below may provide protection against permeation. (Gloves of other chemically resistant materials may not provide adequate protection): Neoprene gloves

Respiratory protection: Use certified respiratory protection equipment meeting EU requirements(89/656/EEC, 89/686/EEC), or equivalent, when respiratory risks cannot be avoided or sufficiently limited by technical means of collective protection or by measures, methods or procedures of work organization

Protective measures: Facilities storing or utilizing this material should be equipped with an eyewash facility.

Engineering measures: Use only in area provided with appropriate exhaust ventilation.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	liquid
Colour	Milky white
Odour	Mild odour
pH	6,0 – 8,0
Boiling point/range	100 °C water
Flash point	Non combustible
Lower explosion limit	not applicable
Upper explosion limit	not applicable
Vapour pressure	17.0 mmHg at 20 °C water
Relative vapour density	<1,0water
Water solubility	completely soluble
Relative density	1,00 - 1,20
Viscosity, dynamic	no data available
Evaporation rate	<1,00 water
Percent volatility	79 - 91 % water.

NOTE: The physical data presented above are typical values and should not be construed as a specification.

10. STABILITY AND REACTIVITY

Hazardous reactions	None known. Stable
Materials to avoid	There are no known materials which are incompatible with this product.
Hazardous decomposition Products	There are no known hazardous decomposition products for this material
polymerization	Product will not undergo polymerization

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity	LD50 rat > 5.000 mg/kg
Acute dermal toxicity	LD50 rabbit > 5.000 mg/kg
Skin irritation	rabbit May cause transient irritation.
Eye irritation	rabbit No eye irritation

12. ECOLOGICAL INFORMATION

There is no data available for this product.

13. DISPOSAL CONSIDERATIONS

Environmental precautions: CAUTION: Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

Disposal: Incinerate liquid and contaminated solids in accordance with local, state, and federal regulations.

European Waste

Catalogue (94/3 EC): The definitive assignment of this material to the appropriate EWC group and thus its proper EWC code will depend on the use that is made of this material. If the material as delivered must be disposed of, or you require assistance with assigning the proper EWC code, please contact Acrylic One

14. TRANSPORT INFORMATION

Classification for ROAD and Rail transport (ADR/RID): Not regulated (Not dangerous for transport)

Classification for SEA transport (IMO-IMDG): Not regulated (Not dangerous for transport)

Classification for AIR transport (IATA/ICAO): Not regulated (Not dangerous for transport)

Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations

15. REGULATORY INFORMATION

Label

Classification and labelling have been performed according to EU directives 67/548/EEC and 99/45/EC including amendments.

EU. EINECS (EINECS) This product satisfies all the requirements of the European Inventory of Existing Chemical Substances (EINECS).

US. Toxic Substances Control Act (TSCA) All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substances Control Act (TSCA) Chemical

16. OTHER INFORMATION

Legend

ACGIH	American Conference of Governmental Industrial Hygienists
BAC	Butyl acetate
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
STEL	Short Term Exposure Limit (STEL):
TLV	Threshold Limit Value
TWA	Time Weighted Average (TWA):
	Bar denotes a revision from prior MSDS.

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