



Material Safety Data Sheet

Acrylic One THIX B

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

Product name: Acrylic One Thix B

Supplier: Acrylic One
Nijverheidsweg 15 A
3251 LP Stellendam
+31-187-663006
info@acrylicone.com

2. COMPOSITION/INFORMATION ON INGREDIENTS

This product is a preparation.

Component	CAS-No.	Concentration	Classification
Mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	55965-84-9	0,0015 - < 0,003 % T, N	R23/24/25, R34, R43, R50/53

The full text of each R phrase is listed in section 16

3. HAZARDS IDENTIFICATION

May cause sensitization by skin contact.

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. The polymer film 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.

Component	Regulation	Type of listing	Value
Mixture of: 5-chloro-2-methyl-2H-isothiazol-3-on and 2-methyl-2H-isothiazol-3-on (3:1)	Acrylic Composites B.V.	TWA	0,076 mg/m ³ , CMI
	Acrylic Composites B.V	STEL	0,23 mg/m ³ , CMI
	Acrylic Composites B.V	TWA	1,5 mg/m ³ , MI
	Acrylic Composites B.V	STEL	4,5 mg/m ³ , MI
	National MAC list		0.2 mg/m ³
	National MAC list		

Exposure controls

Eye protection: safety glasses with side-shields, be aware that when wearing eye protection, this should not be in the way of the breathing equipment.

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	white
translucent	
Milky	
Odour	Acryl odour
pH	3,0 – 5,0
Boiling point/range	100 °C water
Flash point	Non combustible
Lower explosion limit	not applicable
Upper explosion limit	not applicable
Vapour pressure	2.266,4808 Pa at 20 °C water
Relative vapour density	<1,0water
Water solubility	Dilutable
Relative density	1,00 - 1,20
Viscosity, dynamic	100,000 mPas maximum
Evaporation rate	<1,00 water
Percent volatility	69 - 71 % 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 polymerization	There are no known materials which are incompatible with this product. Product will not undergo polymerization

11. TOXICOLOGICAL INFORMATION

No toxicity data is available for this material, The information shown, is based on the toxicity profiles for a number of compositionally similar products.

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.

Hazard symbol and Indication of danger

Xi Irritant

Contains: Mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)

R-phrases(s):

R43 May cause sensitization by skin contact.

S-phrases(s)

S24 Avoid contact with the skin.

S37 Wear suitable gloves.

S60 This material and its container must be disposed of as hazardous waste.

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 Substance Inventory.

16. OTHER INFORMATION

Full text of the R-phrases given in Section 2

R23/24/25 Toxic by inhalation, in contact with skin and if swallowed.

R34 Causes burns.

R43 May cause sensitization by skin contact.

R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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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