



Material Safety Data Sheet

Material Safety Data Sheet according to Reg. (EU) No 1907.2006

Revision date: 06-02-2018

A1 Thix A

Section 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier: A1 Thix A

1.2. Relevant identified uses of the substance or mixture and uses advised against identified uses: A1 Thix A is for thickening the A1 system

1.3. Details of the supplier of the safety data sheet

Supplier: A.C.T.
Nijverheidsweg 15 A
3251 LP Stellendam
The Netherlands
++31-187-663006
info@activecomposite.com

1.4. Emergency telephone number

Emergency telephone: +31 (0)187 663006

Section 2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture:

This mixture is not classified as dangerous according to Directive 1999/45/EC.

GHS classification: This mixture is not classified as dangerous according to Regulation (EC) No. 1272/2008.

2.2. Label elements:

Labelling according to Regulation (EC) No 1272/2008: Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008

Section 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures: -

Section 4. FIRST AID MEASURES

4.1. description of first aid measures:

General information: No special measures necessary.

- Inhalation:** Move subject to fresh air, in case of breathing difficulties administer oxygen. Seek medical attention if problems persist.
- Skin Contact:** Wash with soap and water as a precaution. Get medical attention if any discomfort continues.
- Eye Contact:** Rinse with plenty of water into the open eyelid for at least 5 minutes. Subsequently consult an ophthalmologist. Remove contact lenses, if present and easy to do.
- Ingestion:** If swallowed, seek medical advice immediately and show this container or label. No administration in cases of unconsciousness or cramps. Do not induce vomiting.

Section 5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media:

Suitable extinguishing media: Atomized water. alcohol resistant foam. Dry extinguishing powder. Carbon dioxide (CO₂).

Unsuitable extinguishing media: none

5.2. Special hazards arising from the substance or mixture

Can be released in case of fire: Gas/vapours, toxic. Carbon monoxide. Carbon dioxide (CO₂). Nitrogen oxides (NO_x).

5.3. Advice for firefighters

Additional information: Extinguishing materials should be selected according to the surrounding area

Section 6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures: Keep away from unprotected people. Keep upwind. Wear personal protection equipment.

6.2. Environmental precautions: : Keep spills and cleaning runoff out of municipal; sewers and open bodies.

6.3. Methods and materials for containment and cleaning up:

Methods for cleaning up: Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Remove mechanically, placing in appropriate containers for disposal. In case of gas being released or leakage into waters, ground or the drainage system, the appropriate authorities must be informed.

Section 7. HANDLING AND STORAGE

7.1. Advice on safe handling:

Avoid spilling. Avoid contact with skin, eyes and clothing. Do not breathe vapours/dust.

7.2. Conditions for safe storage, including any incompatibilities:

Keep from freezing. Keep container tightly closed in a dry and well-ventilated place.

Other data: Protect from frost

Section 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters: Refer to chapter 7. No further action is necessary.

8.2. Exposure controls

Protective and hygiene measures: The usual precautionary measures should be adhered to in handling the chemicals.

Keep away from food, drink and animal feeding stuffs. Wash hands before breaks and at the end of work. Avoid contact with skin and eyes. When using do not eat, drink or smoke.

Personal protective equipment

Eye/face protection:	Tightly fitting safety glasses with side-shields.
Hand protection:	Wear suitable gloves.
Respiratory protection:	Provide for sufficient ventilations and punctiform suction at critical points. In case of insufficient ventilation, wear suitable equipment.
Skin protection	Protective clothing.

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	liquid
Color	off white
Odor	characteristic
pH	~7
Melting point/range	0 °C
Boiling point (760 mmHg)	100.00 °C
Flash point	not applicable
Vapour Pressure	23 hPa at 20°C
Density (at 20°C)	1,013 g/cm ³
Solubility in Water	Miscible
Viscosity at 30 rpm/20°C	~2200mPa.s

9.2. Other information

Solid content	~20%
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Section 10. STABILITY AND REACTIVITY

10.1. Reactivity:	No decomposition if used and stored according to specification.
10.2. Chemical stability:	Stable
10.3. Possibility of hazardous reactions:	No information available
10.4. Conditions to avoid:	Keep away from heat/sparks/open flames/hot surfaces – No smoking
10.5. Incompatible materials:	Oxidizing agents
10.6. Hazardous decomposition products:	none

Section 11. TOXICOLOGICAL INFORMATION

Toxicological information on this product only appears in this section when such data is available.

11.1. Information on toxicological effects, acute toxicity

Irritation and corrosivity:

Skin	Frequently or prolonged contact with skin may cause dermal irritation
eye	Eye irritation possible
Ingestion	Harmful if swallowed
Inhalation	May cause respiratory irritation
Sensitising effects	No danger of sensitization

Section 12. ECOLOGICAL INFORMATION

Eco toxicological information on this product only appears in this section when such data is available.

General information

- 12.1. Toxicity:** No data available
- 12.2. Persistence and degradability:** No data available
- 12.3. Bio accumulative potential:** No data available

12.4. Mobility in soil: No data available.

12.5. Results of PBT and vPvB assessment: No data available

12.6. Other adverse effects: No data available.

Section 13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste disposal according to official state regulations.

Consult the local waste disposal expert about waste disposal.

Do not empty into drains; dispose of this material and its container in a safe way.

According to EAKV, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.

Contaminated packaging: Waste disposal according to official state regulations.

Section 14. TRANSPORT INFORMATION

Classification for ROAD and Rail transport (ADR/RID):

14.1. UN number	Not applicable
14.2. UN proper shipping name	Not regulated (non-hazardous) for Transport
14.3. Transport hazard class(es)	Not applicable
14.4. Packing group	Not applicable
14.5. Environmental hazards	Not considered environmentally hazardous based on available data
14.6. Special precautions for user	Not applicable
14.7. Transport in bulk according to Annex I or II of MARPOL 73/78 and the IBC or IGC code	Consult IMO regulations before transporting ocean bulk

Classification for AIR transport (IATA/ICAO):

14.1. UN number	Not applicable
14.2. UN proper shipping name	Not regulated (non-hazardous) for Transport
14.3. Transport hazard class(es)	Not applicable
14.4. Packing group	Not applicable
14.5. Environmental hazards	Not considered environmentally hazardous based on available data
14.6. Special precautions for user	Not applicable

Section 15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulatory information:

Water contaminating class (D): 1 - slightly water contaminating

Additional information: For use only by technical qualified individuals.

Section 16. OTHER INFORMATION

Revision date: 06-02-2018 – Version 2.0

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