



Material Safety Data Sheet

Material Safety Data Sheet according to Reg. (EU) No 2015/830

Revision date: 06-02-2018

A1 LP01 Liquid

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

1.1. Product identifier: A1 LP01 Liquid

1.2. Relevant identified uses of the substance or mixture and uses advised against identified uses: A1 Liquid/Powder 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

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

Precautionary statements: H319 May cause eye irritation
P264 Wash skin thoroughly after handling
P270 Do not eat, drink, or smoke when using this product.

Supplemental information

EUH210 Safety data sheet available on request

EUH208 Contains: 1,2-benzisothiazolin-3(2H)-one; mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC No 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.

2.3 Other hazards: No data available

Section 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures:

This product is a mixture. This product does not contain, in concentrations equal to or greater than those laid down by the Regulation (EC) No. 2015/830, any substances presenting a health or environmental hazard nor any substances for which there are Community workplace exposure limits in place.

Section 4. FIRST AID MEASURES

4.1. description of first aid measures:

Inhalation: Move subject to fresh air.

Skin contact: Remove contaminated clothing, wash with soap and water as a precaution. Get medical attention if any discomfort continues.

Eye contact: Rinse with plenty of water. Get medical attention if any discomfort continues.

Ingestion: Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Rinse mouth thoroughly and drink 1 or 2 glasses of water. Get medical attention if any discomfort continues. Never give anything by mouth to an unconscious person.

4.2. Most important symptoms and effects, both acute and delayed:

Aside from the information mentioned above (first aid measures) and Indication of immediate medical attention and special treatment needed (below), any additional important symptoms and effects are described in Section 11 Toxicology Information.

4.3. Indication of any immediate medical attention and special treatment needed:

Notes for the doctor: No specific recommendations. If in doubt, get medical attention promptly, treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

Section 5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media

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

Unsuitable extinguishing media: no data available.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products: no data available.

Unusual Fire and Explosion Hazards: Material can splatter above 100C/212F. The polymer film can burn.

5.3. Advice for firefighters

Fire Fighting Procedures: no data available.

Special protective equipment for firefighters: Wear self-contained breathing apparatus and appropriate protective clothing.

Section 6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures:

Use personal protective equipment and follow precautions for safe handling described in this data sheet. Keep people away from upwind of spill/leak, because material can cause slippery conditions.

6.2. Environmental precautions:

Prevent further leakage or spillage if safe to do so. Caution: 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: Soak up with inert absorbent material (e.g. earth, sand) Collect and place in suitable waste containers for recovery or disposal.

6.4. Reference to other sections:

For disposal considerations see section 13. Wear protective clothing as described in section 8.

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. Wash thoroughly after handling. Keep container tightly closed.

7.2. Conditions for safe storage, including any incompatibilities:

Keep from freezing – product stability can be affected. Keep container tightly closed in a dry and well-ventilated place.

Storage stability: Storage temperature: 1 - 49 °C

Other data: Monomer vapours can be evolved when material is heated during processing operations.

See SECTION 8, EXPOSURE CONTROLS/PERSONAL PROTECTION. Section for types of ventilation required.

7.3. Specific end use(s): see section 1.2

Section 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

Exposure limits are listed below, if they exist.

8.2. Exposure controls

Engineering controls: Use only in facilities with adequate ventilation.

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

Personal protective equipment

Eye/face protection: Tightly fitting safety glasses with side-shields Eye protection worn must be compatible with respiratory protection system.

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. The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Respiratory protection: A respiratory protection program meeting OSHA 1910.134 and ANSI respirator's use. Non required if airborne concentrations are maintained below the exposure limit listed in Exposure Limit Information. For airborne concentrations up to 10 times the exposure limit, wear a properly fitted NIOSH approved (or equivalent) half-mask, air purifying respirator. Air purifying respirators should be equipped with NIOSH approved (or equivalent) ammonia/methylamine cartridges and N95 filters. If oil mist is present use R95 or P95 filters. Use certified respiratory protection equipment meeting EU requirements (89/566/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.

Environmental exposure controls

See SECTION 7: Handling and storage.

See SECTION 13: Disposal considerations for measures to prevent excessive environmental exposure during use and waste disposal.

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	liquid
Colour	white milky
Odour	slight Ammonia odour
Odour Threshold	no data available
pH	7.5 - 8.8
Melting point/range	no data available
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Freezing point/range	0 °C
Boiling point (760 mmHg)	100.00 °C
Flash point	no data available
Evaporation Rate (Bac=1)	<1.00 Water
Vapour Density (Air = 1)	2266.5 Pa at 20°C
Flammability (solid, gas)	not applicable
Lower explosion limit	not applicable
Upper explosion limit	not applicable
Vapour pressure	2,266.480800 PA at 20.00°C Water
Relative Density (air=1)	<1.000 Water
Relative Density (water=1)	1,0600
Solubility in Water	Dilutable
Partition coefficient: n- octanol/water	no data available
Auto-ignition temperature	not applicable
Decomposition temperature	no data available
Dynamic Viscosity	800.000 mPa.s max.
Kinematic Viscosity	no data available
Explosive properties	no data available
Oxidizing properties	no data available

9.2. Other information

Molecular weight	no data available
Percent Volatility	54.4 - 56.7 % Water

Note: the data presented above are typical values and should not be construed as a specification.

Section 10. STABILITY AND REACTIVITY

10.1. Reactivity:	No data available
10.2. Chemical stability:	Stable
10.3. Possibility of hazardous reactions:	None known
10.4. Conditions to avoid:	No data available
10.5. Incompatible materials:	There are no known materials which are incompatible with this product.
10.6. Hazardous decomposition products:	Thermal decomposition may yield acrylic monomers.

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

Acute oral toxicity	LD50, Rat, > 5,000 mg/kg
Acute dermal toxicity	LD50, Rabbit, > 5,000 mg/kg
Acute inhalation toxicity	Refer to component data
Skin corrosion/irritation	May cause transient irritation.
Serious eye damage/eye irritation	Irritating to eyes
Sensitization	Product test data not available. Refer to component data
Specific Target Organ systemic Toxicity (Single exposure)	Product test data not available. Refer to component data
Specific Target Organ systemic Toxicity (Repeated exposure)	Product test data not available. Refer to component data
Carcinogenicity	Product test data not available. Refer to component data
Teratogenicity	Product test data not available. Refer to component data
Reproductive toxicity	Product test data not available. Refer to component data
Mutagenicity	Product test data not available. Refer to component data
Aspiration Hazard	Product test data not available. Refer to component data

Additional information:

No data are available for this material. The information shown is based on profiles of compositionally similar materials.

Section 12. ECOLOGICAL INFORMATION

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

General information: There is no data available on this product.

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

This substance/mixture contains no components considered to be either persistent, bio-accumulative and toxic (PBT), or very persistent and very bio-accumulative (vPvB) at levels of 0.1% or higher.

12.6. Other adverse effects: No data available.

Section 13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Procedure: Coagulate the liquid by the stepwise addition of ferric chloride and lime. Remove the clear supernatant and flush to a chemical sewer. For disposal or landfill at a permitted facility in accordance with local, state and federal regulations. For definitive appropriate EWC group and code, contact the authorized waste disposal services.

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	No data available
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	No data available

This information is not intended to convey all specific, regulatory or operational requirements/information relating to this product. Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations. Additional transportation system information can be obtained through an authorized sales or customer service representative. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of this material.

Section 15. REGULATORY INFORMATION

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

REACH (EC) No. 1907/2006

This product contains only components that have been either pre-registered, registered, are exempt from registration or are regarded as registered according to Regulation (EC) No. 1907/2006 (REACH).

Polymers are exempted from registration under REACH. All relevant starting materials and additives have been either pre-registered, registered, or are exempt from registration to Regulation (EC) No. 1907/2006 (REACH). The aforementioned indications of the REACH registration status are provided in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied, is given. It is the buyer's/user's responsibility to ensure that his/her understanding of the regulatory status of this product is correct.

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.
Listed in regulation: not applicable

15.2 Chemical Safety Assessment: Not applicable

Section 16. OTHER INFORMATION

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) No 1272/2008: this product is not classified according to EC criteria.

Revision date: 06-02-2018 – Version 2.0

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