Acrystal Finition

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878
Issue date: 1/25/2021 Revision date: 1/5/2023 Supersedes version of: 1/25/2021 Version: 3.1

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture
Product name : Acrystal Finition

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Main use category : Professional use
Use of the substance/mixture : Adhesive

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Everad Adhesives SAS SAS
Parc d'activités de la Mossig
F– 67520 Marlenheim
FRANCE
T +33.(0)3.88.59.27.37
contact@everad-adhesives.com - http://www.everad-adhesives.com/

1.4. Emergency telephone number

Emergency number : +33.(0)3.88.59.27.31
(only during office hours)

Country	Official advisory body	Address	Emergency number	Comment
Ireland	National Poisons Information Centre Beaumont Hospital	PO Box 1297 Beaumont Road 9 Dublin	+353 1 809 2566 (Healthcare professionals-24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7)	
United Kingdom	National Poisons Information Service (Belfast Centre) Royal Victoria Hospital	Grosvenor Road BT12 6BA Belfast	0344 892 0111	Only for healthcare professionals
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH Birmingham	0344 892 0111	Only for healthcare professionals
United Kingdom	Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust	Avonley Road SE14 5ER	+44 20 7188 7188	

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

EUH-statements : EUH208 - Contains 1,2-benzisothiazol-3(2H)-one(2634-33-5), reaction mass of:5-chloro-2-methyl-2H-isothiazol-3-one [EC nr. 247-500-7] and 2-methyl-2Hisothiazol-3-one [EC no. 220-239-6] (3: 1).(55965-84-9). May produce an allergic reaction.
EUH210 - Safety data sheet available on request.

Extra phrases : Product treated by a biocid agent.

2.3. Other hazards

Contains no PBT/vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

Component	
reaction mass of:5-chloro-2-methyl-2H-isothiazol-3-one [EC nr. 247-500-7] and 2-methyl-2Hisothiazol-3-one [EC no. 220-239-6] (3: 1). (55965-84-9)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
1,2-benzisothiazol-3(2H)-one	CAS-No.: 2634-33-5 EC-No.: 220-120-9 EC Index-No.: 613-088-00-6	0.01 – 0.05	Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg bodyweight) Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400 (M=1)
reaction mass of:5-chloro-2-methyl-2H-isothiazol-3-one [EC nr. 247-500-7] and 2-methyl-2Hisothiazol-3-one [EC no. 220-239-6] (3: 1).	CAS-No.: 55965-84-9 EC Index-No.: 613-167-00-5	0.0005 – 0.0015	Acute Tox. 3 (Oral), H301 (ATE=53 mg/kg bodyweight) Acute Tox. 2 (Dermal), H310 (ATE=50 mg/kg bodyweight) Acute Tox. 2 (Inhalation), H330 (ATE=0.05 mg/l/4h) Skin Corr. 1C, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410

Specific concentration limits:		
Name	**Product identifier**	**Specific concentration limits**
1,2-benzisothiazol-3(2H)-one	CAS-No.: 2634-33-5 EC-No.: 220-120-9 EC Index-No.: 613-088-00-6	(0.05 ≤C < 100) Skin Sens. 1, H317

Specific concentration limits:		
Name	**Product identifier**	**Specific concentration limits**
reaction mass of:5-chloro-2-methyl-2H-isothiazol-3-one [EC nr. 247-500-7] and 2-methyl-2Hisothiazol-3-one [EC no. 220-239-6] (3: 1).	CAS-No.: 55965-84-9 EC Index-No.: 613-167-00-5	(0.0015 ≤C ≤ 100) Skin Sens. 1A, H317 (0.06 ≤C < 0.6) Eye Irrit. 2, H319 (0.06 ≤C < 0.6) Skin Irrit. 2, H315 (0.6 ≤C ≤ 100) Eye Dam. 1, H318 (0.6 ≤C ≤ 100) Skin Corr. 1C, H314

Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : In all cases of doubt, or when symptoms persist, seek medical attention.

First-aid measures after inhalation : Take victim to fresh air, in a quiet place and if necessary take medical advice.

First-aid measures after skin contact : After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water and soap. Do not use : solvent, Thinner.

First-aid measures after eye contact : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

First-aid measures after ingestion : If accidentally swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

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

No additional information available

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

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : The product itself does not burn.

Unsuitable extinguishing media : Do not use water jet.

5.2. Special hazards arising from the substance or mixture

Fire hazard : In case of fire, product decomposes in. carbon oxides (CO and CO2). Nitrogen oxides. fume. Decomposition products may be a hazard to health.

5.3. Advice for firefighters

Precautionary measures fire : Wear fire/flame resistant/retardant clothing. Self-contained breathing apparatus when in close proximity to fire.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

Other information : Prevent fire fighting water from entering the environment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Provide adequate ventilation. Evacuate personnel to a safe area. Wear proper protective equipment.

6.1.1. For non-emergency personnel

Protective equipment : No special measures required.

6.1.2. For emergency responders

Protective equipment	:	Wear suitable protective clothing, gloves and eye/face protection.

6.2. Environmental precautions

Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

For containment	:	Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
Methods for cleaning up	:	Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible.

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed	:	Handle in accordance with good industrial hygiene and safety practice.
Hygiene measures	:	Do not eat, drink or smoke when using this product. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	:	Keep container closed when not in use. Keep out of frost. Store in original container.
Incompatible products	:	Store separately from oxidising agents and strongly alkaline and strongly acidic materials.
Incompatible materials	:	Avoid non protected metal containers.
Storage temperature	:	15 – 25 °C

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

No additional information available

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

No additional information available

8.2.2. Personal protection equipment

Personal protective equipment:
Gloves. Safety glasses.

Personal protective equipment symbol(s):

8.2.2.1. Eye and face protection

No additional information available

8.2.2.2. Skin protection

Skin and body protection:
Wear suitable protective clothing

8.2.2.3. Respiratory protection

Respiratory protection:
In case of insufficient ventilation, wear suitable respiratory equipment

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

No additional information available

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	:	Liquid
Colour	:	white.
Odour	:	characteristic.
Odour threshold	:	Not available
Melting point	:	Not available
Freezing point	:	Not available
Boiling point	:	≈ 100 °C
Flammability	:	Not available
Explosive properties	:	Product is not explosive.
Explosive limits	:	Not available
Lower explosion limit	:	Not available
Upper explosion limit	:	Not available
Flash point	:	Not available
Auto-ignition temperature	:	Not available
Decomposition temperature	:	Not available
pH	:	≈ 8
Viscosity, kinematic	:	Not available
Viscosity, dynamic	:	100 – 200 mPa.s
Solubility	:	Water: Miscible
Partition coefficient n-octanol/water (Log Kow)	:	Not available
Vapour pressure	:	≈ 23 hPa 20°C
Vapour pressure at 50°C	:	Not available
Density	:	Not available
Relative density	:	≈ 1 g/cm3
Relative vapour density at 20°C	:	Not available
Particle characteristics	:	Not applicable

reaction mass of:5-chloro-2-methyl-2H-isothiazol-3-one [EC nr. 247-500-7] and 2-methyl-2Hisothiazol-3-one [EC no. 220-239-6] (3: 1). (55965-84-9)	
Vapour pressure	0.0099 hPa (20 °C, Données d'essai, OCDE 104)

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

VOC content : 0 %

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Stable at ambient temperature and under normal conditions of use.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Keep out of frost.

10.5. Incompatible materials

Avoid non protected metal containers.

10.6. Hazardous decomposition products

No additional information available.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

1,2-benzisothiazol-3(2H)-one (2634-33-5)	
LD50 oral rat	≈ 1020 mg/kg
LD50 dermal rat	> 2000 mg/kg

reaction mass of:5-chloro-2-methyl-2H-isothiazol-3-one [EC nr. 247-500-7] and 2-methyl-2Hisothiazol-3-one [EC no. 220-239-6] (3: 1). (55965-84-9)	
LD50 oral rat	53 mg/kg
LD50 dermal rat	> 141 mg/kg bodyweight (OECD 402: Acute dermal toxicity, 24 h, Rat, Male / female, Experimental value, Dermal, 14 day
LD50 dermal	200 – 1000 mg/kg bodyweight
LC50 Inhalation - Rat	0.17 mg/l air (OECD 403, 4 h, Rat, Male / female, Experimental value, Calculated from the active substance, Inhalation (aerosol), 14 day (s))

Skin corrosion/irritation : Not classified
pH: ≈ 8
Serious eye damage/irritation : Not classified
pH: ≈ 8
Respiratory or skin sensitisation : Not classified
Germ cell mutagenicity : Not classified

Carcinogenicity	:	Not classified
Reproductive toxicity	:	Not classified
STOT-single exposure	:	Not classified
STOT-repeated exposure	:	Not classified
Aspiration hazard	:	Not classified

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

No additional information available

11.2.2. Other information

Potential adverse human health effects and symptoms	:	No data available

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	:	Prevent entry to sewers and public waters.
Ecology - water	:	May cause long-term adverse effects in the aquatic environment.
Hazardous to the aquatic environment, short–term (acute)	:	Not classified
Hazardous to the aquatic environment, long–term (chronic)	:	Not classified

1,2-benzisothiazol-3(2H)-one (2634-33-5)	
LC50 - Fish [1]	3.4 mg/l blu
LC50 - Fish [2]	2.36 mg/l rai
EC50 - Crustacea [1]	2.1 mg/l dam
EC50 - Crustacea [2]	0.4 mg/l 16h psp
EC50 96h - Algae [1]	0.055 mg/l pss

reaction mass of:5-chloro-2-methyl-2H-isothiazol-3-one [EC nr. 247-500-7] and 2-methyl-2Hisothiazol-3-one [EC no. 220-239-6] (3: 1). (55965-84-9)	
LC50 - Fish [1]	0.28 mg/l 96 h, Lepomis macrochirus
EC50 - Crustacea [1]	0.16 mg/l 48 h, Daphnia magna
EC50 72h - Algae [1]	0.018 mg/l Pseudokirchneriella subcapitata

12.2. Persistence and degradability

reaction mass of:5-chloro-2-methyl-2H-isothiazol-3-one [EC nr. 247-500-7] and 2-methyl-2Hisothiazol-3-one [EC no. 220-239-6] (3: 1). (55965-84-9)	
Persistence and degradability	Not readily biodegradablein water.

12.3. Bioaccumulative potential

reaction mass of:5-chloro-2-methyl-2H-isothiazol-3-one [EC nr. 247-500-7] and 2-methyl-2Hisothiazol-3-one [EC no. 220-239-6] (3: 1). (55965-84-9)	
BCF - Fish [1]	41 – 54 (OECD 305, 28 day (s), Lepomis macrochirus, Current system, Fresh water (unsalted), Experimental value, Fresh weight)
Partition coefficient n-octanol/water (Log Pow)	0.75 (Experimental value, OECD 107: Partition coefficient (n-octanol / water): method by shaking in a flask, 24 ° C)
Bioaccumulative potential	No available data.

12.4. Mobility in soil

reaction mass of:5-chloro-2-methyl-2H-isothiazol-3-one [EC nr. 247-500-7] and 2-methyl-2Hisothiazol-3-one [EC no. 220-239-6] (3: 1). (55965-84-9)	
Surface tension	No information available
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	0.81 – 1 (log Koc, Calculated value)

12.5. Results of PBT and vPvB assessment

Component	
reaction mass of:5-chloro-2-methyl-2H-isothiazol-3-one [EC nr. 247-500-7] and 2-methyl-2Hisothiazol-3-one [EC no. 220-239-6] (3: 1). (55965-84-9)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

Additional information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste) : Disposal must be done according to official regulations.
Waste treatment methods : Do not discharge into drains or the environment.
Product/Packaging disposal recommendations : Dispose of in accordance with relevant local regulations.

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

ADR	IMDG	IATA	ADN	RID
14.1. UN number or ID number				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shipping name				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information available				

14.6. Special precautions for user

Overland transport
Not applicable

Transport by sea
Not applicable

Air transport
Not applicable

Inland waterway transport
Not applicable

Rail transport
Not applicable

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

VOC Directive (2004/42)

VOC content : 0 %

Explosives Precursors Regulation (2019/1148)

Contains substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)
Please see https://ec.europa.eu/home-affairs/system/files/2021-11/list_of_competent_authorities_and_national_contact_points_en.pdf

Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Full text of H- and EUH-statements:	
Acute Tox. 2 (Dermal)	Acute toxicity (dermal), Category 2

Full text of H- and EUH-statements:	
Acute Tox. 2 (Inhalation)	Acute toxicity (inhal.), Category 2
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1
EUH208	Contains 1,2-benzisothiazol-3(2H)-one(2634-33-5), reaction mass of:5-chloro-2-methyl-2H-isothiazol-3-one [EC nr. 247-500-7] and 2-methyl-2Hisothiazol-3-one [EC no. 220-239-6] (3: 1).(55965-84-9). May produce an allergic reaction.
EUH210	Safety data sheet available on request.
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H310	Fatal in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
Skin Corr. 1C	Skin corrosion/irritation, Category 1, Sub-Category 1C
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
Skin Sens. 1A	Skin sensitisation, category 1A

The classification complies with : ATP 12

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.