

Safety data sheet according to Regulation (EC) No. 1907/2006 (REACH), Article 31

Version number: 1.2 / Creation date: 15.03.2021

Adjustment adhesive / Liquid metal, hardener

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Trade name: adjustment adhesive / liquid metal, hardener
Article number: #62400233

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

General use: hardener

1.3. Details of the supplier of the safety data sheet

Company name: Baumann Dental GmbH
Street/P.O. Box: Im Holderle 5
Post code, Place: D-75196 Remchingen
Internet: www.baumann-dental.de
@-mail: info@baumann-dental.de
Telephone: +49 (0) 7232 - 73218 - 0
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Department responsible for information:

Telephone: +49 (0) 7232 - 73218 - 0
E-mail: info@baumann-dental.de

1.4. Emergency telephone number

Germany: +49(0)551-19240 (Poison Information Centre North, 24h in German and English)
Austria: +43(0)1-4064343 (Poison Information Centre, 24h)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture



Classification according to EC Regulation 1272/2008 (CLP)
Skin Irrit. 2, H315 Causes skin irritation.
Eye Irrit. 2, H319 Causes serious eye irritation.

GHS07

2.2. Label elements

Labelling (CLP)



Signal word: Attention

Hazard statements:

H315: Causes skin irritation.
H319: Causes serious eye irritation.

Precautionary statements:

P102 Keep out of reach of children.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists: Get medical advice/attention.
P362 Take off contaminated clothing.

Special labelling:

Information text for labels: contains bis [(dimethylamino)methyl]phenol and 2,4,6-tri-(dimethylaminomethyl) phenol.

2.3. Other hazards

Particular risk of slipping due to leaked/spilled product.
Results of PBT and vPvB assessment: No data available

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SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1. Substances:

Not applicable

3.2. Mixtures:

Hazardous ingredients:

Ingredient	Designation	Content	Classification
EC No. 202-013-9 CAS 90-72-2	2,4,6-tri-(dimethylaminomethyl)phenol	< 10%	Acute Tox. 4; H302. Skin Irrit. 2; H315. Eye Irrit. 2; H319.
EC No. 275-162-0 CAS 71074-89-0	Bis[(dimethylamino)methyl]phenol	< 1.5%	Skin Corr. 1B; H314.

Wording of the H and EUH hazard statements: see Section 16.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General notes: First-aid workers: pay attention to self-protection!

If inhaled: Provide for fresh air. Consult doctor.

In case of skin contact: Remove contaminated clothing immediately and only reuse after thorough cleaning. Immediately wash with plenty of water and soap after contact with the skin. Then apply skin cream. Consult doctor immediately.

In case of eye contact: Immediately rinse with running water for 10 to 15 minutes with the eyelid open. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately consult an ophthalmologist.

If swallowed: Rinse mouth with water. Drink water repeatedly. Do not induce vomiting. Never administer anything to an unconscious person through the mouth. Consult doctor immediately.

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

Causes skin irritation. Causes serious eye irritation.

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

Symptomatic treatment.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media: water spray, foam, dry powder, carbon dioxide

Extinguishing media unsuitable for safety reasons: full water jet

5.2. Special hazards arising from the substance or mixture

In the event of fire, dangerous fumes and vapours may be generated.

Nitrogen oxides (NOx), sulphur oxides, ammonia, carbon monoxide and carbon dioxide may be generated in the event of fire.

5.3. Advice for firefighters

Special protective equipment for firefighting:

Wear self-contained breathing apparatus and chemical protection suit.

Additional notes: prevent penetration of extinguishing water into surface waters or groundwater.

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SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Avoid contact with substance. Avoid creating dust.
Do not inhale dust. Avoid breathing vapours. Use suitable breathing protection. Wear suitable protective equipment. Take off contaminated clothing and wash before wearing again.
Keep unprotected persons away.

6.2. Environmental precautions

Prevent penetration into soil, waters or the sewage system.

6.3. Methods and material for containment and cleaning up

Contain larger quantities and pump into containers. Collect residual quantities mechanically and dispose of them in accordance with regulations.
Dispose of according to regulations.
Rinse small amounts with water. Dispose of waste water according to regulations.

6.4. Reference to other sections

See also Sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Notes on safe handling: Ensure good ventilation of the warehouse and workplace.
Avoid contact with substance. Wear suitable protective equipment. Take off contaminated clothing and wash before wearing again.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and containers: protect from heat, direct sunlight and cold.
Store containers tightly closed and dry. Storage temperature: 10°C to 20°C. Access to the warehouse only for competent persons.
Storage Class: 11 = Flammable solids

7.3. Specific end use(s)

There is no information available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Occupational exposure limits:

Ingredient	Designation	Type	Limit value
7664-41-7	7664-41-7 Ammonia, anhydrous	Germany: TRGS 900 short-term	28 mg/m ³ ; 40 ppm
		Germany: TRGS 900 long-term	14 mg/m ³ ; 20 ppm
		Europe: IOELV: STEL	36 mg/m ³ ; 50 ppm
		Europe: IOELV: TWA	14 mg/m ³ ; 20 ppm

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8.2. Exposure controls

Ensure adequate ventilation.

Personal protective equipment

Limiting and monitoring exposure at the workplace:

Breathing protection:	Breathing protection is required in case of vapours. Use filter type A2 according to EN 14387. If the occupational exposure limits (EU OEL) are exceeded, breathing apparatus must be worn. Use filter type K according to EN 14387.
Hand protection:	Protective gloves according to EN 374.
Glove material:	PVC Breakthrough time (maximum wearing time): >480 min. The specifications of the manufacturer of the protective gloves regarding permeabilities and breakthrough times must be observed.
Eye protection:	Tightly fitting safety glasses according to EN 166.
Body protection:	Wear suitable protective clothing at work.
Protection and hygiene measures:	Avoid contact with substance. Change contaminated clothing. Wash hands prior to breaks and at the end of work. Eye wash facilities must be available.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance: form:	pasty
Colour:	white
Odour:	characteristic
Odour threshold:	No data available
pH value:	No data available
Melting point/freezing point:	No data available
Initial boiling point and boiling range:	No data available
Flash point/flash point range:	No data available
Evaporation rate:	No data available
Flammability:	No data available
Explosive limits:	No data available
Vapour pressure:	No data available
Vapour density:	No data available
Density:	No data available
Solubility:	No data available
Distribution coefficient n-octanol/water:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity, kinematic:	No data available
Explosive properties:	No data available
Oxidising properties:	No data available

9.2. Other information

Further information: No data available

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SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

see 10.3.

10.2. Chemical stability

Stable under specified storage conditions.

10.3. Possibility of hazardous reactions

No hazardous reactions occur if handled and stored as directed.

10.4. Conditions to avoid

Protect from heat, direct sunlight and cold.

10.5. Incompatible materials

No data available

10.6. Hazardous decomposition products

Nitrogen oxides (NO_x), sulphur oxides, hydrogen sulphide, ammonia, carbon monoxide and carbon dioxide.
Thermal decomposition: No data available

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Toxicological effects: The statements are derived from the properties of the individual components.

No toxicological data are available for the product as such. Acute toxicity (oral): Based on the available data, the classification criteria are not met.

Acute toxicity (dermal):	Missing data.
Acute toxicity (inhalative):	Missing data.
Etching/irritant effect on the skin:	Skin Irrit. 2; H315 = Causes skin irritation.
Eye damage/irritation:	Eye Irrit. 2; H319 = Causes serious eye irritation.
Sensitisation of the respiratory tract:	Missing data.
Sensitisation of the skin:	Missing data.
Germ cell mutagenicity/genotoxicity:	Missing data.
Carcinogenicity:	Missing data.
Reproductive toxicity:	Missing data.
Effect on and via lactation:	Missing data.
Specific target organ toxicity (single exposure):	Missing data.
Specific target organ toxicity (repeated exposure):	Missing data.
Aspiration hazard:	Missing data.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Aquatic toxicity: No information on the product available.

Water hazard class: 1 = slightly hazardous to water

12.2. Persistence and degradability

Other notes: the product is not biodegradable.

12.3. Bioaccumulative potential

Distribution coefficient n-octanol/water: No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

No data available

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SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Product

Waste code number: 08 04 09* = adhesives and sealants waste containing organic solvents or other hazardous substances
MFSU = manufacture, formulation, supply and use* = Disposal must be verified.
Recommendation: Disposal in accordance with official regulations. Can be disposed of together with household waste in a landfill or incineration plant.

Packaging

Recommendation: Disposal in accordance with official regulations. Uncontaminated and completely emptied packaging can be recycled.

SECTION 14: TRANSPORT INFORMATION

14.1. UN number not applicable

14.2. UN proper shipping name not restricted

14.3. Transport hazard classes not applicable

14.4. Packing group not applicable

14.5. Environmental hazards Marine pollutant - IMDG no

14.6. Special precautions for user Protect from heat, direct sunlight and cold.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code No data available

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture / Directive 2012/18/EU

Named hazardous substances - ANNEX I None of the constituents are contained.

REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of limitation: 3

Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment - Annex II: None of the constituents are contained.

REGULATION (EU) 2019/1148

Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit concentration for a licence under Article 5(3)):

None of the constituents are present.

Annex II - REPORTABLE EXPLOSIVES PRECURSORS:

None of the constituents are present.

National regulations:

Water hazard class: WGK 1 (self-classification): slightly hazardous to water.

15.2. Chemical safety assessment

A chemical safety assessment has not been conducted.

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SECTION 16: OTHER INFORMATION

The information is based on the current state of our knowledge, however, it does not represent a guarantee of product characteristics and does not establish a contractual legal relationship.

Relevant phrases:

H302	Harmful if swallowed.	
H314		Causes severe skin burns and eye damage.
H315		Causes skin irritation.
H319		Causes serious eye irritation.

Classification according to Regulation (EC) No. 1272/2008:

The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

Department issuing the data sheet: Product Safety Department

Abbreviations and acronyms:

ADR:	Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
IMDG:	International Maritime Code for Dangerous Goods
IATA:	International Air Transport Association
GHS:	Globally Harmonised System of Classification and Labelling of Chemicals
EINECS:	European Inventory of Existing Commercial Chemical Substances
ELINCS:	European List of Notified Chemical Substances
CAS:	Chemical Abstracts Service (division of the American Chemical Society)
VOC:	Volatile Organic Compounds (USA, EU)
LC50:	Lethal concentration, 50 percent
LD50:	Lethal dose, 50 percent
PBT:	Persistent, Bioaccumulative and Toxic
vPvB:	very Persistent and very Bioaccumulative
Acute Tox. 4:	Acute toxicity - Category 4
Skin Corr. 1B:	Skin irritant/caustic effect - Category 1B
Skin Irrit. 2:	Skin irritant/caustic effect - Category 2
Eye Irrit. 2:	Serious eye damage/irritation - Category 2

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Adjustment adhesive / liquid metal, resin**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING****1.1. Product identifier**Trade name: adjustment adhesive / liquid metal, resin
Article number #62400233**1.2. Relevant identified uses of the substance or mixture and uses advised against**

General use: Epoxy resin

1.3. Details of the supplier of the safety data sheetCompany name: Baumann Dental GmbH
Street/P.O. Box: Im Hölderle 5
Post code, Place: D-75196 Remchingen
Internet: www.baumann-dental.de
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Telefax: +49 (0) 7232 - 73218 - 99

Department responsible for information:

Telephone: +49 (0) 7232 - 73218 - 0 / @-mail: info@baumann-dental.de

1.4. Emergency telephone numberGermany: +49(0)551-19240 (Poison Information Centre North, 24h in German and English)
Austria: +43(0)1-4064343 (Poison Information Centre, 24h)**SECTION 2: HAZARDS IDENTIFICATION****2.1. Classification of the substance or mixture**

GHS09



GHS07

Classification according to EC Regulation 1272/2008 (CLP)
Aquatic Chronic 2; H411 Toxic to aquatic life with long lasting effects.
Skin Irrit. 2, H315 Causes skin irritation.
Eye Irrit. 2, H319 Causes serious eye irritation.
Skin Sens. 1; H317 May cause an allergic skin reaction.**2.2. Label elements**

Labelling (CLP)



Signal word: Attention

Hazard statements:
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H411 Toxic to aquatic life with long lasting effects.

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Precautionary statements:

P102	Keep out of reach of children.
P261	Avoid breathing vapours.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352	IF ON SKIN: Wash with plenty of water/soap.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes.
P333+P313	If skin irritations or rash occurs: Get medical advice/attention.
	Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313	IF exposed or concerned: Get medical advice/ attention.
P501	Dispose of contents/container to hazardous waste disposal.

Special labelling

EUH205	Contains epoxy constituents. May produce an allergic reaction.
	Contains reaction product: bisphenol-A-epichlorohydrin resins with an average molecular weight <=700

2.3. Other hazards

The vapours irritate the mucous membranes and the respiratory tract.
Results of PBT and vPvB assessment: No data available

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1. Substances

not applicable

3.2. Mixtures

Hazardous ingredients:

Ingredient	Designation	Content	Classification
EC No. 500-033-5 CAS 25068-38-6	Reaction product: Bisphenol-A-epichlorohydrin resins with an average molecular weight < =700	80 - 99%	Skin Irrit. 2; H315. Eye Irrit. 2; H319. Skin Sens. 1; H317. Aquatic Chronic 2; H411.

Wording of the H and EUH hazard statements: see Section 16.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

If inhaled:	Provide for fresh air. Consult doctor.
In case of skin contact:	Immediately wash with plenty of water and soap after contact with the skin. Take off contaminated clothing and wash before wearing again. Seek medical advice in case of skin reactions.
In case of eye contact:	Immediately rinse with running water for 10 to 15 minutes with the eyelid open. Remove contact lenses, if present and easy to do. Continue rinsing. Then consult an ophthalmologist.
If swallowed:	Rinse mouth with water. Do not induce vomiting. Consult doctor. Never administer anything to an unconscious person through the mouth.

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

May cause an allergic skin reaction. Causes skin irritation.
Causes severe eye irritation.

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

Symptomatic treatment.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media: water spray, foam, dry powder, carbon dioxide
Extinguishing media unsuitable for safety reasons: full water jet

5.2. Special hazards arising from the substance or mixture

In the event of fire, dangerous fumes and vapours may be generated.
Carbon monoxide and carbon dioxide may be generated in the event of fire.

5.3. Advice for firefighters

Special protective equipment for firefighting:
Wear self-contained breathing apparatus and chemical protection suit.

Additional notes:

Cool endangered containers with water spray jet. Prevent penetration of extinguishing water into surface waters or groundwater.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Avoid contact with substance. Avoid breathing vapours.
Use self-contained breathing apparatus. Wear suitable protective equipment.
Take off contaminated clothing and wash before wearing again.
Keep unprotected persons away.

6.2. Environmental precautions

Prevent penetration into soil, waters or the sewage system.
In case of penetration into the sewage system, waters or soil, inform the competent authorities.

6.3. Methods and material for containment and cleaning up

Allow spilled product to solidify if safely possible. Collect mechanically and dispose of.
Observe applicable regulations. Clean subsequently with cleaning agents, do not use solvents.

6.4. Reference to other sections

See also Sections 8 and 13.

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SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Notes on safe handling:

Ensure good ventilation of the warehouse and workplace. Avoid contact with substance.
Do not eat, drink or smoke when using this product. Wear suitable protective equipment.
Take off contaminated clothing and wash before wearing again.

Notes on fire and explosion protection:

Keep away from heat sources (e.g. hot surfaces), sparks and open flames.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and containers:

Protect from heat, direct sunlight and cold. Store containers tightly closed and dry.

Storage temperature: 10°C to 20°C. Smoking prohibited. Access to the warehouse only for competent persons.

Storage class: 10 - 13

7.3. Specific end use(s)

There is no information available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Additional notes: does not contain substances with occupational exposure limits.

8.2. Exposure controls

Ensure adequate ventilation.

Personal protective equipment

Limiting and monitoring exposure at the workplace

Breathing protection:

Breathing protection is required in case of vapours.
Use filter type NPF 70 according to EN 14387.

Hand protection:

Protective gloves according to EN 374.

Glove material:

Nitrile rubber - thickness: 0.11 mm.

Breakthrough time (maximum wearing time): > 480 min. The specifications of the manufacturer of the protective gloves regarding permeabilities and breakthrough times must be observed.

Eye protection:

Tightly fitting safety glasses according to EN 166.

Body protection:

Wear suitable protective clothing at work.

Chemical-resistant safety shoes

Protection and hygiene measures

Take off contaminated clothing and wash before wearing again. Avoid contact with substance. Wash hands prior to breaks and at the end of work. Do not inhale vapour/aerosol. Avoid contact with eyes and skin. Do not eat, drink or smoke during work. Equip the workplace with an eye shower and a body shower (emergency shower).

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance: form:	thixotropic
Colour:	white
Odour:	weak
Odour threshold:	No data available
pH value:	No data available
Melting point/freezing point:	No data available
Initial boiling point and boiling range:	No data available
Flash point/flash point range:	252°C
Evaporation rate:	No data available
Flammability:	No data available
Explosive limits:	No data available
Vapour pressure:	No data available
Vapour density:	No data available
Density:	No data available
Solubility:	No data available
Distribution coefficient n-octanol/water:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity, dynamic:	thixotropic
Explosive properties:	No data available
Oxidising properties:	No data available

9.2. Other information

Further information: No data available

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

See 10.3

10.2. Chemical stability

Stable under specified storage conditions.

10.3. Possibility of hazardous reactions

No hazardous reactions occur if handled and stored as directed.

10.4. Conditions to avoid

Protect from sunlight and temperatures exceeding 95°C.

10.5. Incompatible materials

Strong oxidising agents, amines, mercaptans, strong Lewis acids, sodium hydroxide.

10.6. Hazardous decomposition products

No data available

Thermal decomposition: No data available

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Adjustment adhesive / liquid metal, resin**SECTION 11: TOXICOLOGICAL INFORMATION****11.1. Information on toxicological effects**

Acute toxicity:

LD50 rats, oral: > 2000 mg/kg

LD50 rabbits, dermal: > 2000 mg/kg

Toxicological effects:

The statements are derived from the properties of the individual constituents.

No toxicological data are available for the product as such.

Acute toxicity (oral): Based on the available data, the classification criteria are not met.

Acute toxicity (dermal): Based on the available data, the classification criteria are not met.

Acute toxicity (inhalative): Missing data.

Etching/irritant effect on the skin: Skin Irrit. 2; H315 = Causes skin irritation.

Eye damage/irritation: Eye Irrit. 2, H319 = Causes serious eye irritation.

Sensitisation of the respiratory tract: Missing data.

Sensitisation of the skin: Skin Sens. 1; H317 = May cause an allergic skin reaction.

Germ cell mutagenicity/genotoxicity: Missing data.

Carcinogenicity: Missing data.

Reproductive toxicity: Missing data.

Effect on and via lactation: Missing data.

Specific target organ toxicity (single exposure): Missing data.

Specific target organ toxicity (repeated exposure): Missing data.

Aspiration hazard: Missing data.

SECTION 12: ECOLOGICAL INFORMATION**12.1. Toxicity**

Aquatic toxicity: Toxic to aquatic life with long lasting effects.

Algae toxicity:EC50: 220 mg/L/96h

Daphnia toxicity:EC50: 2.8 mg/L/48h

Fish toxicity:LC50: 3.6 mg/L/96h

Water hazard class: 2 = hazardous to water

12.2. Persistence and degradability

Other notes: the product is not easily biodegradable.

12.3. Bioaccumulative potential

Bioconcentration factor (BCF):

Bioaccumulation is possible.

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

No data available

12.6. Other adverse effects

General notes: prevent penetration into soil, waters or the sewage system.

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SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Product

Waste code number: 08 04 09* = adhesives and sealants waste containing organic solvents or other hazardous substances MFSU = Manufacture, Formulation, Supply and Use

* = Disposal must be verified.

Recommendation: Disposal in accordance with official regulations.

Packaging

Recommendation: Disposal in accordance with official regulations. Uncontaminated and completely emptied packaging can be recycled.

SECTION 14: TRANSPORT INFORMATION

14.1. UN number

UN 3082

14.2. UN proper shipping name

ADR/RID, ADN: UN 3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.A.G.
(reaction product with bisphenol A epichlorohydrin resin (molecular weight ≤ 700))

IMDG, IATA-DGR: UN 3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(Reaction product with Bisphenol-A-(epichlorhydrin) epoxy resin (molecular weight ≤ 700))

14.3. Transport hazard classes

ADR/RID, ADN: Class 9, Code: M6

IMDG: Class 9, Subrisk-

IATA-DGR: Class 9



14.4. Packing group

III

14.5. Environmental hazards

Marine pollutant - IMDG: yes

Marine pollutant - ADN: yes

14.6. Special precautions for user

Surface Transport (ADR/RID)

Warning sign: ADR/RID: hazard number 90, UN number UN 3082

Hazard label: 9

Special provisions: 274 335 375 601

Limited quantity: 5 L

EQ: E1

Packaging - Instructions: P001 IBC03 LP01 R001

Packaging - Special Provisions: PP1

Special Provisions for combined packaging: MP19

Portable tanks - instructions: T4

Portable tanks -Special Provisions: TP1 TP29

Tank coding: LGBV

Tunnel restriction code: -

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Inland waterway transport (ADN)

Hazard label: 9
 Special provisions: 274 335 375 601
 Limited quantity: 5 L
 EQ: E1
 Transport permitted: T
 Equipment required: PP

Transport by sea (IMDG)

EmS: F-A, S-F
 Special provisions: 274, 335, 969
 Limited quantity: 5 L
 Exempted quantities: E1
 Packaging - Instructions: P001, LP01
 Packaging - Regulations: PP1
 IBC - Instructions: IBC03
 IBC - Regulations: -
 Tank instructions - IMO: -
 Tank instructions - UN: T4
 Tank instructions - Regulations: TP2, TP29
 Stowing and handling: Category A.
 Properties and notes: -
 Separation group: none

Air transport (IATA)

Hazard label: Miscellaneous
 Exempted quantity: coding: E1
 Passenger and cargo aircraft: limited quantity:
 Pack.Instr. Y964 - Max. Net Qty/Pkg. 30 kg G
 Passenger and cargo aircraft: Pack.Instr. 964 - Max. Net Qty/Pkg. 450 L
 Only cargo aircraft: Pack.Instr. 964 - Max. Net Qty/Pkg. 450 L
 Special Provisions: A97 A158 A197
 Emergency Response Guide-Code (ERG): 9L

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

No data available

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture / Directive 2012/18/EU

Named hazardous substances ANNEX I
 The substance is not contained.

Seveso category E2: Water pollution hazard
 Threshold quantity (in tonnes) for use in lower classified operations: 200 t
 Threshold quantity (in tonnes) for use in higher classified operations: 500 t

Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment - Annex II: The substance is not contained.

REGULATION (EU) 2019/1148
 Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit concentration for a licence under Article 5(3))
 The substance is not contained.
 Annex II - REPORTABLE EXPLOSIVES PRECURSORS
 The substance is not contained.

National regulations:
 Water hazard class: WGK 2 (list classification): significantly hazardous to water.

15.2. Chemical safety assessment

A chemical safety assessment has not been conducted.

Safety data sheet according to Regulation (EC) No. 1907/2006 (REACH), Article 31

Version number: 1.2 / Revision date: 08.02.2021

Adjustment adhesive / liquid metal, resin

Hazard statements:

H317 May cause an allergic skin reaction.

Precautionary statements:

P102	Keep out of reach of children.
P261	Avoid breathing vapours.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352	IF ON SKIN: Wash with plenty of water/soap.
P308+P313	IF exposed or concerned: Get medical advice/ attention.

15.2. Chemical safety assessment

A chemical safety assessment is not necessary for this mixture.

SECTION 16: OTHER INFORMATION

The information is based on the current state of our knowledge, however, it does not represent a guarantee of product characteristics and does not establish a contractual legal relationship.

Classification according to Regulation (EC) No. 1272/2008:

The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

Department issuing the data sheet: Product Safety Department

Abbreviations and acronyms:

ADR:	Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
IMDG:	International Maritime Code for Dangerous Goods
IATA:	International Air Transport Association
GHS:	Globally Harmonised System of Classification and Labelling of Chemicals
EINECS:	European Inventory of Existing Commercial Chemical Substances
CAS:	Chemical Abstracts Service (division of the American Chemical Society)
PBT:	Persistent, Bioaccumulative and Toxic
vPvB:	very Persistent and very Bioaccumulative
	Skin Irrit. 2: Skin irritant/caustic effect - Category 2
	Eye Irrit. 2: Serious eye damage/irritation - Category 2
Skin Sens. 1:	Sensitisation of the skin - Category 1
Aquatic Chronic 2:	Water pollution hazard - long-term water pollution hazard - Category 2