

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

1.1. Product identifier

Product form : Mixture
Trade name : Plastic repair 'fast' (25sec.) black - 50ml CURATIVE
UFI : GMTV-SSV3-JD98-H4D5

Product code : PLI 01 - CURATIVE

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

1.2.1. Relevant identified uses

No additional information available

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Chemical Europe NV
Baarbeek 2
2070 Zwijndrecht
T +32 (0) 3 234 87 80 - F +32 (0) 3 234 87 89
info@chemicar.eu

1.4. Emergency telephone number

Emergency number : +32 (0) 3 760 08 09

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Hazardous to the aquatic environment — Chronic Hazard, Category 3 H412

Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

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

Signal word (CLP) : -
Contains : piperazine; [liquid]; Dibutylbis(dodecylthio)stannane
Hazard statements (CLP) : H412 - Harmful to aquatic life with long lasting effects.
Precautionary statements (CLP) : P273 - Avoid release to the environment.
P501 - Dispose of contents and container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
EUH-statements : EUH208 - Contains piperazine; [liquid], Dibutylbis(dodecylthio)stannane. May produce an allergic reaction.

Scandinavian countries regulation

Denmark
MAL code : 00-3

2.3. Other hazards

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

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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]
TALC	(CAS-No.) 14807-96-6 (EC-No.) 238-877-9	15 – 25	Not classified
piperazine; [liquid]	(CAS-No.) 110-85-0 (EC-No.) 203-808-3 (EC Index-No.) 612-057-01-1	0.5 – 1	Repr. 2, H361fd Skin Corr. 1B, H314 Resp. Sens. 1, H334 Skin Sens. 1, H317
Dibutylbis(dodecylthio)stannane	(CAS-No.) 1185-81-5 (EC-No.) 214-688-7	0.25 – 0.3	Acute Tox. 4 (Dermal), H312 Skin Irrit. 2, H315 Skin Sens. 1, H317 Muta. 2, H341 Repr. 1A, H360 STOT RE 1, H372 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: Move the affected person away from the contaminated area and into the fresh air. Call a poison center or a doctor if you feel unwell. If possible show him this sheet. Failing this, show him the packaging or label. Do not leave affected person unattended.
First-aid measures after inhalation	: In case of loss of conscience place the victim in the recovery position. Obtain medical assistance. If experiencing respiratory symptoms: Call a poison center or a doctor.
First-aid measures after skin contact	: Rinse with plenty of water. Wash off with soap and plenty of water. Take off immediately all contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention. Seek medical attention if ill effect or irritation develops.
First-aid measures after eye contact	: Rinse eyes with water as a precaution. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. Protect undamaged eye.
First-aid measures after ingestion	: Get immediate medical advice/attention. Do not give milk. Made worse through the drinking of alcohol beverages. If the victim is unconscious : don't drink (or eat).

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 hazards which require special first aid measures.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: If there is a fire close by, use suitable extinguishing agents. Suitable extinguishing media. Water fog. Foam. carbon dioxide (CO2). Dry powder.
Unsuitable extinguishing media	: Do not use a heavy water stream.

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5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : carbon dioxide (CO₂). When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, nitrogen oxides (NO_x). halogenated hydrocarbons.

5.3. Advice for firefighters

Precautionary measures fire : Wear gas tight chemically protective clothing in combination with self contained breathing apparatus.
Protection during firefighting : Self-contained breathing apparatus.
Other information : Do not allow run-off from fire-fighting to enter drains or water courses. Prevent fire fighting water from entering the environment. Dyke fire control water for later disposal. If the product contaminates lakes, rivers or sewages, inform competent authorities in accordance with local regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Wear personal protective equipment. Ensure adequate air ventilation. Spill should be handled by trained cleaning personnel properly equipped with respiratory and eye protection. Warn all persons not to touch damaged packages or spilled material. Notify authorities if product enters sewers or public waters.

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Notify authorities if product enters sewers or public waters. Do not allow to enter drains or water courses.

6.3. Methods and material for containment and cleaning up

For containment : Take up liquid spill into inert absorbent material. Sweep or shovel spills into appropriate container for disposal.

6.4. Reference to other sections

SECTION 8. SECTION 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Keep away from sources of ignition - No smoking. Persons suffering from asthma, eczema or skin problems should avoid contact, including dermal contact, with this product. Do not breathe vapours.
Hygiene measures : Always wash hands after handling the product. Do not eat, drink or smoke when using this product. For further information refer to section 8: "Exposure controls/personal protection". Keep containers closed. Avoid all eye and skin contact and do not breathe vapour and mist. Dispose of fire debris and contaminated fire fighting water in accordance with official regulations. Avoid contact with skin and eyes.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Store in a dry place. Store in a closed container.

7.3. Specific end use(s)

No additional information available

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

TALC (14807-96-6)		
Value type (form of exposure)	Control parameters	Basis
TWA (Respirable dust)	1 mg/m3 Respirable dust	GB EH 40
Piperazine (110-85-0)		
Value type (form of exposure)	Control parameters	Basis
TWA	0,1 mg/m3	2000/39/EC
STEL	0,3 mg/m3	2000-39/EC
TWA	0,1 mg/m3	GB EH40
Dibutylbis(dodecylthio)s tannane (1185-81-5)		
Value type (form of exposure)	Control parameters	Basis
STEL	0,3 mg/m3	GB EH40
TWA	0,1 mg/m3 (Tin)	GB EH40
STEL	0,2 mg/m3 (Tin)	GB EH40

8.2. Exposure controls

Appropriate engineering controls:

Provide local exhaust or general room ventilation.

Hand protection:

Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer

Type	Material	Permeation	Thickness (mm)	Penetration	Standard
	Nitrile rubber (NBR), Neoprene rubber (HNBR)				

Eye protection:

Use eye protection according to EN 166, designed to protect against liquid splashes.

Skin and body protection:

Impermeable clothing. Chemical resistant safety shoes

Respiratory protection:

In case of vapour formation use adequate respirator

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Liquid.
Colour	: Black.
Odour	: No data available
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available

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Flash point	: 212 °C
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: 3 hPa
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 1.246 g/cm ³
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

No additional information available

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

Keep away from (strong) acids. Isocyanates. Strong oxidizing agents. Alkalis, finely divided metals.

10.5. Incompatible materials

on contact with alkalis. Reacts with isocyanates. strong oxidants and strong acids.

10.6. Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
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

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Aspiration hazard : Not classified

LD/LC50 values relevant for classification		
Piperazine		
Acute oral toxicity	LD50(Rat): ca 2.600 mg/kg	Method: OECD Test Guideline 401
Acute inhalation toxicity	LD0 (Rat, male and female): 1,61 mg/l	Exposure time: 8 h Test atmosphere: vapour
Dibutylbis(dodecylthio)stannane		
Acute oral toxicity	LD50 (Rat): >2000 mg/kg	Method: OECD Test Guideline 423 Assessment: No adverse effect has been observed in acute oral toxicity tests
Acute dermal toxicity	LD50 (Rabbit): >1000 - <2000 mg/kg	Method: OECD Test Guideline 402 GLP: yes
Talc		
Acute oral toxicity	LD50(Rat):>5000 mg/kg	Method: OECD Test Guideline 423

SECTION 12: Ecological information

12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Harmful to aquatic life with long lasting effects.

Piperazine		
Toxicity to fish	LC50 (Poecilia reticulata (guppy)): > 1.800 mg/l	Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	EC50 (Daphnia magna (Water flea)): 21 mg/l	Exposure time: 48 h Method: OECD Test Guideline 202
Toxicity to algae	EC50 (Pseudokirchneriella subcapitata (green algae)): > 1.000 mg/l	Exposure time: 72 h Method: OECD Test Guideline 201
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	NOEC: 12,5 mg/l	Exposure time: 21 d Species: Daphnia magna (Water flea) Method: OECD Test Guideline 211
Dibutylbis(dodecylthio)stannane		
Toxicity to daphnia and other aquatic invertebrates	EC50 (Daphnia magna (Water flea)): 0,11 mg/l	Exposure time: 48 h Method: OECD Test Guideline 202

12.2. Persistence and degradability

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Persistence and degradability : Biodegradable.

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

Other adverse effects : Before neutralisation, the product may represent a danger to aquatic organisms.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste) : Prevent entry to sewers and public waters. Disposal must be done according to official regulations.

Additional information : Do not re-use empty containers.

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SECTION 14: Transport information

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

ADR	IMDG	IATA	ADN
14.1. UN number			
Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shipping name			
Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)			
Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group			
Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards			
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

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

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

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

15.1.2. National regulations

Netherlands

SZW-lijst van kankerverwekkende stoffen : None of the components are listed

SZW-lijst van mutagene stoffen : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting : None of the components are listed

giftige stoffen – Borstvoeding

NIET-limitatieve lijst van voor de voortplanting : piperazine; [liquid] is listed

giftige stoffen – Vruchtbaarheid

NIET-limitatieve lijst van voor de voortplanting : piperazine; [liquid] is listed

giftige stoffen – Ontwikkeling

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Denmark

Danish National Regulations

: Pregnant/breastfeeding women working with the product must not be in direct contact with the product

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Full text of H- and EUH-statements:

Acute Tox. 4 (Dermal)	Acute toxicity (dermal), 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
Muta. 2	Germ cell mutagenicity, Category 2
Repr. 1A	Reproductive toxicity, Category 1A
Repr. 2	Reproductive toxicity, Category 2
Resp. Sens. 1	Respiratory sensitisation, Category 1
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
STOT RE 1	Specific target organ toxicity — Repeated exposure, Category 1
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H341	Suspected of causing genetic defects.
H360	May damage fertility or the unborn child.
H361fd	Suspected of damaging fertility. Suspected of damaging the unborn child.
H372	Causes damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH208	Contains piperazine; [liquid], Dibutylbis(dodecylthio)stannane. May produce an allergic reaction.

SDS EU (REACH Annex II)

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.