

Safety Data Sheet

C & W Lure Epoxy Komp B

Replaces date: 02/09/2021

Revision date: 01/03/2023

Version: 2.0.5

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

1.1. Product identifier

Trade name: C & W Lure Epoxy Komp B

Unique Formula Identifier (UFI): J1U2-4FXT-AR3R-Q473

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

Recommended uses: Hardener for epoxy resin.

1.3. Details of the supplier of the safety data sheet

Manufacturer

Company: Nils Malmgren AB
Address: Box 2039
Zip code: 442 02
City: Ytterby
Country: SWEDEN
E-mail: info@nilsmalmgren.se
Phone: +46 (0)303-93610
Homepage: http://www.nilsmalmgren.se
Contact person: Name: Jonny Augustsson, Phone: +46 (0)303 93610, E-mail: jonny@nilsmalmgren.se

Distributor

Company: Wolfcreek Lures AB
Address: Östertorpsvägen 30
Zip code: 832 94
City: ORRVIKEN
Country: SWEDEN
E-mail: info@wolfcreeklures.com
Phone: 0704-328290
Homepage: www.wolfcreeklures.com
Contact person: Name: Anders Ulvforsen, Phone: 0704-328290

1.4. Emergency Telephone Number

+46 (0)704-328290 (Wolfcreek Lures)
Members of the public: 111 (NHS 111 (Scotland: NHS 24)).

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

CLP-classification: Skin Corr. 1B;H314
Skin Sens. 1;H317
Eye Dam. 1;H318
Aquatic Chronic 3;H412

Most serious harmful effects: Causes severe skin burns and eye damage. May cause an allergic skin reaction. Harmful to aquatic life with long lasting effects.

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2.2. Label elements

Pictograms



Signal word:

Danger

Contains

Substance:

4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with 3-aminomethyl-3,5,5-trimethylcyclohexylamine ; benzyl alcohol; 3-aminomethyl-3,5,5-trimethylcyclohexylamine; Poly(oxypropylene)diamine;

Hazard Statements

H314

Causes severe skin burns and eye damage.

H317

May cause an allergic skin reaction.

H412

Harmful to aquatic life with long lasting effects.

Precautionary statements

P260

Do not breathe dust/fume/gas/mist/vapours/spray.

P273

Avoid release to the environment.

P280

Wear protective gloves/protective clothing/eye protection/face protection.

P301+330+331

IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P303+361+353

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P305+351+338+310

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.

P405

Store locked up.

P501

Dispose of contents/container in accordance with local regulation.

2.3. Other hazards

When mixing two components, consult the safety data sheets for both components.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Substance	CAS No./ EC No./ REACH Reg. No.	Concentration	Notes	CLP-classification
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with 3-aminomethyl-3,5,5-trimethylcyclohexylamine	38294-64-3 500-101-4	30 - 60 %		Skin Corr. 1B;H314 Skin Sens. 1;H317 Aquatic Chronic 3;H412
benzyl alcohol	100-51-6 202-859-9 01-2119492630-38	10 - 30 %		Acute Tox. 4;H302 Eye Irrit. 2;H319 Acute Tox. 4;H332
3-aminomethyl-3,5,5-trimethylcyclohexylamine	2855-13-2 220-666-8 01-2119514687-32	10 - 30 %		Acute Tox. 4;H302 Acute Tox. 4;H312 Skin Corr. 1B;H314 Skin Sens. 1;H317 Eye Dam. 1;H318 Aquatic Chronic 3;H412
Poly(oxypropylene)diamine	9046-10-0 618-561-0 01-2119557899-12-0000	10 < 25 %		Skin Corr. 1C;H314 Eye Dam. 1;H318 Aquatic Chronic 2;H411

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Please see section 16 for the full text of H- / EUH-phrases.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation:	Seek fresh air. Seek medical advice in case of persistent discomfort.
Ingestion:	Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Do not induce vomiting. Seek medical advice immediately.
Skin contact:	Do not use organic solvents. Wash skin with soap and water. Take off contaminated clothing and wash before reuse. Seek medical advice in case of persistent discomfort.
Eye contact:	Open eye wide, remove any contact lenses and flush immediately with water (preferably using eye wash equipment). Seek medical advice immediately. Continue flushing until medical attention is obtained.
General:	Eye wash facilities must be available when handling this product.

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

The product is corrosive. May cause serious, possibly permanent, corrosion damage to the eyes. Contact with the skin may cause irritation and allergic contact eczema.

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

Open eye wide, remove any contact lenses and flush immediately with water (preferably using eye wash equipment). Seek medical advice immediately. Continue flushing until medical attention is obtained.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Extinguish with powder, foam, carbon dioxide or water mist.

Unsuitable extinguishing media: Do not use water stream, as it may spread the fire.

5.2. Special hazards arising from the substance or mixture

Not flammable, but can sustain combustion. Hazardous fumes are formed in fire conditions. Nitrous gases/ Carbon monoxide and carbon dioxide.

5.3. Advice for firefighters

Firefighters exposed to combustion gases/decomposition products should use a respiratory protective device.

Other Information: Notify proper authorities in case of contamination of soil or aquatic environment or discharge to drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Keep unnecessary people away, isolate hazard area and deny entry. Wear suitable protective clothing. Wear safety goggles if there is a risk of eye splash.

6.2. Environmental precautions

Prevent spillage from entering drains and/or surface water. Notify proper authorities in case of contamination of soil or aquatic environment or discharge to drains.

6.3. Methods and material for containment and cleaning up

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Contain and absorb spill with sand or other absorbent material and transfer to suitable waste containers.

6.4. Reference to other sections

See section 7 for handling and storage. See section 8 for type of protective equipment. See section 13 for instructions on disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Eye wash facilities must be available when handling this product. Containers should be kept tightly closed. Avoid contact with skin and eyes. All work must be carried out under well-ventilated conditions. Wash hands before breaks, before using restroom facilities, and at the end of work. Do not eat, drink or smoke during work.

7.2. Conditions for safe storage, including any incompatibilities

Keep in tightly closed original packaging. Store in a dry, cool, well-ventilated area.

7.3. Specific end use(s)

The product is corrosive. May cause sensitisation by skin contact. Polymerise together with part A during heat emission.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limit: Contains no substances subject to reporting requirements

Legal basis: Not known for the mixture.

8.2. Exposure controls

Personal protective equipment, eye/face protection: Wear safety goggles/face protection. Eye protection must conform to EN 166.

Personal protective equipment, skin protection: Wear suitable protective clothing.

Personal protective equipment, hand protection: Wear gloves. Type of material: Nitrile rubber/ Butyl rubber. Penetration time of glove material: 3 hours. We have reduced the penetration time by a factor of 3, when the test standard EN 374-3 is done at 23°C, while the temperature inside the glove is approx. 35°C. In addition, the elastic material extends during use, thereby glove thickness and penetration time is reduced. Recommended thickness of the glove is ≥ 0.4 mm. Selection of the suitable gloves does not only depend on the material, but also on quality and these will vary between manufacturers.

Personal protective equipment, respiratory protection: In case of insufficient ventilation, wear respiratory protective equipment. Gas cartridge (organic substances).

Other Information: Wash hands before breaks, before using restroom facilities, and at the end of work. Take off contaminated clothing and wash before reuse.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Parameter	Value/unit
State	Liquid
Colour	Yellowish
Odour	Amine odour
Solubility	Miscible with the following: Organic solvents.

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Parameter	Value/unit	Remarks
Odour threshold	No data	
Melting point	No data	
Freezing point	No data	
Initial boiling point and boiling range	> 150 °C	760mmHg
Flammability (solid, gas)	No data	
Flammability limits	No data	
Explosion limits	No data	
Flash Point	> 150 °C	
Auto-ignition temperature	> 150 °C	
Decomposition temperature	No data	
pH (solution for use)	No data	
pH (concentrate)	No data	
Kinematic viscosity	No data	
Viscosity	1.8 Pas	25°C
Partition coefficient n-octanol/water	No data	
Vapour pressure	No data	
Density	1,055 g/cm³	20°C
Relative density	No data	
Vapour density	No data	
Relative density (sat. air)	No data	
Particle characteristics	No data	

9.2. Other information

Parameter	Value/unit	Remarks
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Other Information: Solubility in water: Insoluble

SECTION 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

The product is stable when used in accordance with the supplier's directions.

10.3. Possibility of hazardous reactions

May react under considerable heat buildup with epoxy.

10.4. Conditions to avoid

Avoid contact with the following: Oxidisers/ Strong acids.

10.5. Incompatible materials

Organic peroxide.

10.6. Hazardous decomposition products

Hazardous fumes are formed in fire conditions. Nitrous gases/ Carbon monoxide and carbon dioxide.

SECTION 11: Toxicological information

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

Acute toxicity - oral

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benzyl alcohol, cas-no 100-51-6

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		1230 mg/kg			

3-aminomethyl-3,5,5-trimethylcyclohexylamine, cas-no 2855-13-2

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		1030 mg/kg			

Poly(oxypropylene)diamine, cas-no 9046-10-0

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		2885.3 mg/kg			

May give burning effects in mouth, throat and stomach.

Acute toxicity - dermal

Poly(oxypropylene)diamine, cas-no 9046-10-0

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rabbit	LD50		2979.7 mg/kg			

Skin contact may cause irritation, redness and burns. Prolonged or repeated skin contact may cause allergic eczema.

Acute toxicity - inhalation

benzyl alcohol, cas-no 100-51-6

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LC50 (dust/mist)	4h	> 4.178 mg/l			

The amines in the hardener have a very low vapour pressure, but inhalation of high concentrations may cause irritation of mucous membranes, headache and nausea.

Skin corrosion/irritation: The product is corrosive.

Serious eye damage/eye irritation: Eye contact may result in deep caustic burns, pain, tearing and cramping of the eyelids. Risk of serious eye injury and loss of sight.

Respiratory sensitisation or skin sensitisation: Prolonged or repeated skin contact may cause allergic eczema.

11.2. Information on other hazards

Endocrine disrupting properties: None known.

SECTION 12: Ecological information

12.1. Toxicity

benzyl alcohol, cas-no 100-51-6

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Crustacea	Daphnia magna	48h	EC50	230			
Algae	Pseudokirchneriella subcapitata	72h	IC50	770			
Fish	Pimephales promelas	96h	LC50	460			

3-aminomethyl-3,5,5-trimethylcyclohexylamine, cas-no 2855-13-2

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Crustacea	Daphnia magna	48h	EC50	23 mg/l			
Fish	Leuciscus idus	96h	LC50	110 mg/l			
Bacteria	Pseudomonas putida	18h	EC10	1.120 mg/l			

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Poly(oxypropylene)diamine, cas-no 9046-10-0

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Fish		96h	LC50	772.14			
Fish		96h	EC50	> 15			
Crustacea	Daphnia magna	48h	EC50	418.34			

No results from ecotoxicological tests are available. Ecotoxicological information only related to components.

12.2. Persistence and degradability

Not readily degradable.

12.3. Bioaccumulative potential

benzyl alcohol, cas-no 100-51-6

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Log Pow				1.05			

Poly(oxypropylene)diamine, cas-no 9046-10-0

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
			Log Pow	1.34			

12.4. Mobility in soil

Test data are not available.

12.5. Results of PBT and vPvB assessment

Not applicable

12.6. Endocrine disrupting properties

None known.

12.7. Other adverse effects

Toxic to aquatic life with long lasting effects.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Destruction according to local regulations.

Disposal methods: May be disposed of by mixing with the right amount of epoxy-resin.

Contaminated packaging: Put the empty container up-side-down. Use a tool to completely empty the container. Sort the waste according to local regulations.

Category of waste: 08 01 11* waste paint and varnish containing organic solvents or other hazardous substances
15 01 10* packaging containing residues of or contaminated by hazardous substances

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number or ID number: 3267	14.4. Packing group: III
14.2. UN proper shipping name: CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (3-aminomethyl-3,5,5-trimethylcyclohexylamine)	14.5. Environmental hazards: The product should not be labelled as an environmental hazard (symbol: fish and tree).
14.3. Transport hazard class(es): 8	

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Hazard label(s): 8
Hazard identification number: 80

Tunnel restriction code: E

Inland water ways transport (ADN)

14.1. UN number or ID number: 3267
14.2. UN proper shipping name: CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (3-aminomethyl-3,5,5-trimethylcyclohexylamine)
14.3. Transport hazard class(es): 8
Hazard label(s): 8
Transport in tank vessels:

14.4. Packing group: III
14.5. Environmental hazards: The product should not be labelled as an environmental hazard (symbol: fish and tree).

Sea transport (IMDG)

14.1. UN number or ID number: 3267
14.2. UN proper shipping name: CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (3-aminomethyl-3,5,5-trimethylcyclohexylamine)
14.3. Transport hazard class(es): 8
Hazard label(s): 8
EmS: F-A, S-B

14.4. Packing group: III
14.5. Environmental hazards: The product is not a Marine Pollutant (MP).

Environmental Hazardous Substance Name(s):

IMDG Code segregation group: Segr. grp. 18 - Alkalis (SGG18)

Air transport (ICAO-TI / IATA-DGR)

14.1. UN number or ID number: 3267
14.2. UN proper shipping name: CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (3-aminomethyl-3,5,5-trimethylcyclohexylamine)
14.3. Transport hazard class(es): 8
Hazard label(s): 8

14.4. Packing group: III
14.5. Environmental hazards: The product should not be labelled as an environmental hazard (symbol: fish and tree).

14.6. Special precautions for user

14.7. Maritime transport in bulk according to IMO instruments

SECTION 15: Regulatory information

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

Special Provisions: This product is assessed and classified in accordance with the requirements of the European Parliament and Council Regulation (EC) No 1272/2008 and subsequent amendments.

15.2. Chemical Safety Assessment

SECTION 16: Other information

Version history and indication of changes

Version	Revision date	Responsible	Changes
2.0.5	01/03/2023	Nils Malmgren AB	UFI, Pt 2, 3, 14
2.0.4	02/09/2021	Nils Malmgren AB	UFI
2.0.3	16/06/2020	Nils Malmgren AB	Update
2.0.2	08/04/2020	Nils Malmgren AB	Update
2.0.1	09/03/2017	Nils Malmgren AB	Update

Abbreviations: ADR: Accord européen sur le transport des marchandises dangereuses par Route

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(European Agreement concerning the International Carriage of Dangerous Goods by Road)RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)IMDG: International Maritime Code for Dangerous GoodsIATA: International Air Transport AssociationIATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)ICAO: International Civil Aviation OrganizationICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)GHS: Globally Harmonized System of Classification and Labelling of ChemicalsEINECS: European Inventory of Existing Commercial Chemical SubstancesCAS: Chemical Abstracts Service (division of the American Chemical Society)DNEL: Derived No-Effect Level (REACH)PNEC: Predicted No-Effect Concentration (REACH)LC50: Lethal concentration, 50 percentLD50: Lethal dose, 50 percent

Other Information:

The information contained herein is based on the best of our knowledge and shall describe our product under the aspect of safety. They are not meant to guarantee specific properties of the product. Recipients of our product must take responsibility for observing existing laws and regulations.

Classification method:

Calculation based on the hazards of the known components.

List of relevant H-statements

H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

SDS is prepared by

Company: Nils Malmgren AB, Miljöavdelningen
Country: SWEDEN

Country:

GB