



NAUTILUS Epoxy FAST FINE FILLER component A

Safety data sheet

pursuant to Regulation 1907/2006/EC, Article 31

Printed on: 11.02.2022

Version number 1

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Section 1: Identification of the substance or mixture and of the company/undertaking

1.1. Product identifier

Product name: NAUTILUS EPOXY FAST FINE FILLER component A

UFI: 2P2V-T2VT-H00X-RR24

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

Use of substance / mixture: Filler for industrial or professional application. For

information regarding additional possible application please email us or dial the

indicated phone number as shown below. We will connect you with our

responsible technical personnel.

1.3 Details of the supplier of the safety data sheet Manufacturer/Supplier:

Cecchi Gustavo & C. srl - Via M. Coppino 253,
55049 Viareggio (LU) ITALY www.cecchi.it - info@cecchi.it

1.4 Emergency telephone number:

+39 0584/383694 - info@cecchi.it

From monday to friday office hours 8:30 – 12:30, 14:00 – 18:30

SECTION 2: Hazards identification

· 2.1 Classification of the substance or mixture

· Classification according to Regulation (EC) No 1272/2008



GHS05 GHS07 GHS09

GHS05 corrosion

Eye Dam. 1. H318 Causes serious eye damage

GHS09 environment

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.

GHS07

Skin Irrit. 2 H315 Causes skin irritation.

Skin Sens. 1 H317 May cause an allergic skin reaction.

· **2.2 Label elements**

· **Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the CLP regulation.

Hazard pictograms



GHS05 GHS07 GHS09

· **Signal word** Danger

· **Hazard-determining components of labelling:**

1 4-bis(2 3-epoxypropoxy)butane

reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight =< 700)
Bisphenol F-(epichlorhydrin) epoxy resin

· **Hazard statements**

H315 Causes skin irritation.

H318 Causes serious eye damage.

H317 May cause an allergic skin reaction.

H411 Toxic to aquatic life with long lasting effects.

· **Precautionary statements**

P101 f medical advice is needed have product container or label at hand.

P102 Keep out of reach of children.

P103 read carefully and follow all instructions.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P305+P351+P338 F N EYES: in case contact with eyes, rinse immediately with plenty of water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTRE /doctor.

P321 Specific treatment (see on this label).

P362+P364 Take off contaminated clothing and wash it before reuse.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Additional information:**

EUH205 Contains epoxy constituents. May produce an allergic reaction.

· **2.3 Other hazards**

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

· **3.2 Chemical characterisation: Mixtures**

· **Description:** Mixture of substances listed below with nonhazardous additions.

· Dangerous components:		
CAS: 25068-38-6 NLP: 500-033-5 eg.nr.: 01-2119456619-26	reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight =< 700) ⚠ Aquatic Chronic 2 H411; ⚠ Skin Irrit. 2 H315; Eye Irrit. 2 H319; Skin Sens. 1 H317	25-50%
CAS: 2425-79-8 E NECS: 219-371-7 eg.nr.: 01-2119494060-45	1 4-bis(2 3-epoxypropoxy)butane ⚠ Eye Dam. 1 H318; ⚠ Acute Tox. 4 H302; Acute Tox. 4 H312; Acute Tox. 4 H332; Skin Irrit. 2 H315; Skin Sens. 1 H317; Aquatic Chronic 3 H412	□ 3-<10%
CAS: 28064-14-4	Bisphenol F-(epichlorhydrin) epoxy resin ⚠ Aquatic Chronic 2 H411; ⚠ Skin Irrit. 2 H315; Eye Irrit. 2 H319; Skin Sens. 1 H317	2.5-<10%

· **Additional information:** For the wording of the listed hazard phrases refer to section 16.



SECTION 4: First aid measures

4.1 Description of first aid measures

· **General information:** immediately remove any clothing soiled by the product.

· After inhalation:

Supply fresh air and to be sure call for a doctor.

· In case of unconsciousness place patient stably in side position for transportation.

· **After skin contact:** immediately rinse with water.

· **After eye contact:** rinse opened eye for several minutes under running water. Then consult a doctor.

· **After swallowing:** if symptoms persist consult doctor.

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

No further relevant information available.

SECTION 5: Firefighting measures

· 5.1 Extinguishing media

· **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.

· **5.2 Special hazards arising from the substance or mixture** No further relevant information available.

· 5.3 Advice for firefighters

· **Protective equipment:** No special measures required.

SECTION 6: Accidental release measures

· 6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

· 6.2 Environmental precautions:

Do not allow product to reach sewage system or any water course.

· Inform respective authorities in case of seepage into water course or sewage system.

Do not allow to enter sewers/ surface or ground water.

· 6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand diatomite acid binders universal binders sawdust).

Use neutralising agent.

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

· 6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage

· 7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

· **Information about fire - and explosion protection:** No special measures required.

· 7.2 Conditions for safe storage, including any incompatibilities

· Storage:

· **Requirements to be met by storerooms and receptacles:** No special requirements.

· **Information about storage in one common storage facility:** Store away from foodstuffs.

· **Further information about storage conditions:** Keep container tightly sealed.

· **Storage class:** 10

· **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters

· **Additional information about design of technical facilities:** No further data; see item 7.

· **Ingredients with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

· **Additional information:** The lists valid during the making were used as basis.

· 8.2 Exposure controls

· **Personal protective equipment:**

· **General protective and hygienic measures:**

Keep away from foodstuffs beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Avoid contact with the eyes.

Avoid contact with the eyes and skin.

· **Respiratory protection:**



In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

· **Protection of hands:**

Selection of the glove material on consideration of the penetration times rates of diffusion and the degradation



Protective gloves (EN 374)

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

· **Material of gloves**

The selection of the suitable gloves does not only depend on the material but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Breakthrough time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:**



Tightly sealed goggles

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· **General Information**

· **Appearance:**

Form:

Fluid

Colour:

According to product specification

· **Odour:**

Characteristic

· **Odour threshold:**

Not determined.



· pH-value:	Not determined.
· Change in condition Melting point/freezing point: Initial boiling point and boiling range:	Undetermined. >200 °C
· Flash point:	>100 °C (D N EN SO 1523:2002)
· Flammability (solid, gas):	Not applicable.
· Ignition temperature:	460 °C (D N 51794)
· Decomposition temperature:	Not determined.
· Auto-ignition temperature:	Product is not selfigniting.
· Explosive properties:	Product does not present an explosion hazard.
· Explosion limits: Lower: Upper:	Not determined. Not determined.
· Vapour pressure at 20 °C:	<0.1 hPa
· Density at 20 °C: · Relative density · Vapour density · Evaporation rate	1.665 g/cm ³ (D N EN SO 2811-1) Not determined. Not determined. Not determined.
· Solubility in / Miscibility with water:	Not miscible or difficult to mix.
· Partition coefficient: n-octanol/water:	Not determined.
· Viscosity: Dynamic at 20 °C: Kinematic:	80 000-110 000 mPas Not determined.
· Solvent content: VOC (EC)	0.00 %
Solids content (weight-%):	100.0 %
· 9.2 Other information	No further relevant information available.

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:**
Possible in traces.
Nitrogen oxides
Hydrogen chloride (HCl)



Carbon monoxide
Nitrogen oxides (NOx)

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data the classification criteria are not met.

· LD/LC50 values relevant for classification:

25068-38-6 Reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight =< 700)

Oral	LD50	>5 000 mg/kg (rat)
Dermal	LD50	>2 000 mg/kg (rabbit)

- **Primary irritant effect:**
- **Skin corrosion/irritation**
Causes skin irritation.
- **Serious eye damage/irritation**
Causes serious eye damage.
- **Respiratory or skin sensitisation**
May cause an allergic skin reaction.
- **Additional toxicological information:**
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **Germ cell mutagenicity** Based on available data the classification criteria are not met.
- **Carcinogenicity** Based on available data the classification criteria are not met.
- **Reproductive toxicity** Based on available data the classification criteria are not met.
- **STOT-single exposure** Based on available data the classification criteria are not met.
- **STOT-repeated exposure** Based on available data the classification criteria are not met.
- **Aspiration hazard** Based on available data the classification criteria are not met.

SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Ecotoxicological effects:**
- **Remark:** Toxic for fish
- **Additional ecological information:**
- **General notes:**
Water hazard class 2 (German regulation) : hazardous for water
Do not allow product to reach ground water water course or sewage system.
Must not reach sewage water or drainage ditch undiluted or unneutralised.
Danger to drinking water if even small quantities leak into the ground.
Also poisonous for fish and plankton in water bodies.
Toxic for aquatic organisms
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.



SECTION 13: Disposal considerations

· **13.1 Waste treatment methods**

· **Recommendation**


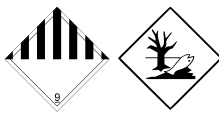
Must not be disposed together with household garbage. Do not allow product to reach sewage system.

· **Uncleaned packaging:**

· **Recommendation:**

Packagings that may not be cleansed are to be disposed of in the same manner as the product.

SECTION 14: Transport information

· 14.1 UN-Number · ADR, IMDG, IATA	UN3082
· 14.2 UN proper shipping name · ADR · IMDG · IATA	UN3082 EN VIRONMENTALLY HAZARDOUS SUBSTANCE LIQUID N.O.S. (Bisphenolresins) ENVIRONMENTALLY HAZARDOUS SUBSTANCE LIQUID N.O.S. (Bisphenolresins) MARINE POLLUTANT ENVIRONMENTALLY HAZARDOUS SUBSTANCE LIQUID N.O.S. (Bisphenolresins)
· 14.3 Transport hazard class(es) · ADR  · Class · Label	9 (M6) Miscellaneous dangerous substances and articles. 9
· IMDG, IATA  · Class · Label	9 Miscellaneous dangerous substances and articles. 9
· 14.4 Packing group · ADR, IMDG, IATA	
· 14.5 Environmental hazards: · Marine pollutant: · Special marking (ADR): · Special marking (IATA):	Product contains environmentally hazardous substances: Bisphenolresins Symbol (fish and tree) Symbol (fish and tree) Symbol (fish and tree)



· 14.6 Special precautions for user	Warning: Miscellaneous dangerous substances and articles.
· Hazard identification number (Kemler code):	90
· EMS Number:	F-A S-F
· Stowage Category	A
· 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.
· Transport/Additional information:	
· ADR	
· Limited quantities (LQ)	5L
· Transport category	3
· Tunnel restriction code	(-)
· Remarks:	:Σ 5l: S 375 AD
· IMDG	
· Limited quantities (LQ)	5L
· Remarks:	:Σ 5l: 2.10.2.7 MDG-Code
· IATA	
· Remarks:	:Σ 5l: A 197
· UN "Model Regulation":	UN 3082 EN ONMENTALLY HAZA DOUS SUBSTANCE L QU D N.O.S. (B SPHENOL ES NS) 9

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **Seveso category** E2 Hazardous to the Aquatic Environment
- **Qualifying quantity (tonnes) for the application of lower-tier requirements** 200 t
- **Qualifying quantity (tonnes) for the application of upper-tier requirements** 500 t
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant phrases**
- H302 Harmful if swallowed.
- H312 Harmful in contact with skin.
- H315 Causes skin irritation.
- 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.

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NAUTILUS EPOXY FAST FINE FILLER component A - SAFETY DATA SHEET - February 2022 -
batch n° 2326006

· **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.

· **Abbreviations and acronyms:**

AD : Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the international Carriage of Dangerous Goods by road)

MDG: International Maritime Code for Dangerous Goods

ATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

E NECS: European Inventory of Existing Commercial Chemical Substances

EL NCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

OC: 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 Corros. 2: Skin corrosion/irritation - Category 2

Eye Dam. 1: Serious eye damage/eye irritation - Category 1

Eye Irrit. 2: Serious eye damage/eye irritation - Category 2

Skin Sens. 1: Skin sensitisation - Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard - Category 2

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard - Category 3