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NAUTILUS FAST EPOXY FINE FILLER comp. B - Safety Data Sheet may 2016 n° 608015 rev.1/16

NAUTILUS FAST EPOXY FINE FILLER comp. B

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

1.1. Product identifier Product name **NAUTILUS EPOXY FAST FINE FILLER comp. B**

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

Company name:

CECCHI GUSTAVO & C. SRL.

Via M.Coppino, 253

55049 VIAREGGIO(LU) ITALY

TEL. +39 0584 383694 FAX +39 0584 395182 info@cecchi.it

1.4 Emergency telephone number:

+39 0584/383694 From monday to friday office hours 8:30 – 12:30, 14:00 – 18:30 - info@cecchi.it

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification under CLP: Muta. 2: H341; Skin Corr. 1B: H314; Skin Sens. 1: H317

Most important adverse effects:

Causes severe skin burns and eye damage. May cause an allergic skin reaction.

Suspected of causing genetic defects.

2.2. Label elements

Label elements:

Hazard statements:

H314: Causes severe skin burns and eye damage.

H317: May cause an allergic skin reaction.

H341: Suspected of causing genetic defects.

Signal words: Danger

Hazard pictograms:

GHS05: Corrosion

GHS07: Exclamation mark

GHS08: Health hazard



Precautionary statements:

P102: Keep out of reach of children.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P301+330+331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P302+352: IF ON SKIN: Wash with plenty of water/.

P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing.

Rinse skin with water/shower.

P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.2. Mixtures****Hazardous ingredients:**

	EINECS	CAS	PBT / WEL	CLP Classification	Percent
HEXAMETHYLEN-1,6-DIISOCYANAT HOMOPOLYMER	-	28182-81-2	-	Skin Sens. 1: H317	10-30%
M-XYLYLENDIAMIN	-	1477-55-0	-	Acute Tox. 4: H302+332; Aquatic Chronic 3: H412; Skin Corr. 1B: H314; Skin Sens. 1: H317	1-10%
BENZYL ALCOHOL	202-859-9	100-51-6	-	Acute Tox. 4: H332; Acute Tox. 4: H302	1-10%
2,4,6-TRIS(DIMETHYLAMINOMETHYL)	202-013-9	90-72-2	-	Acute Tox. 4: H302; Eye Irrit. 2: H319; Skin Irrit. 2: H315	1-10%
PHENOL	203-632-7	108-95-2	-	Muta. 2: H341; Acute Tox. 3: H331; Acute Tox. 3: H311; Acute Tox. 3: H301; STOT RE 2: H373; Skin Corr. 1B: H314	1-10%
N-OCTYLAMIN	-	111-86-4	-	Acute Tox. 4: H302+312+332; Skin Corr. 1A: H314; Aquatic Acute 1: H400	<1%

SECTION 4: FIRST AID MEASURES**4.1. Description of first aid measures**

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin.

Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Transfer to hospital if there are burns or symptoms of poisoning.

Eye contact: Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

Ingestion: Wash out mouth with water. Do not induce vomiting. Give 1 cup of water to drink every 10 minutes. If unconscious, check for breathing and apply artificial respiration if necessary.

If unconscious and breathing is OK, place in the recovery position. Transfer to hospital as soon as possible.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. If unconscious and breathing is OK, place in the recovery position. If conscious, ensure the casualty sits or lies down. If breathing becomes bubbly, have the casualty sit and provide oxygen if available. Transfer to hospital as soon as possible.

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

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Skin contact: Blistering may occur. Progressive ulceration will occur if treatment is not immediate.

Eye contact: Corneal burns may occur. May cause permanent damage.

Ingestion: Corrosive burns may appear around the lips. Blood may be vomited. There may be bleeding from the mouth or nose.

Inhalation: There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing.

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

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: Corrosive. In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters:

Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions:

Notify the police and fire brigade immediately. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

Environmental precautions:

Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures:

Clean-up should be dealt with only by qualified personnel familiar with the specific substance. Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Handling requirements:

Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

Suitable packaging: Coated steel.

7.3. Specific end use(s)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Hazardous ingredients

PHENOL

Workplace exposure limits:

Respirable dust

State	8 hour TWA	STEL 15 min	TWA 8 ore	STEL 15 min
UK	2 ppm	4 ppm	-	-

DNEL/PNEC Values

DNEL / PNEC No data available.

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8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Impermeable gloves.

Eye protection: Tightly fitting safety goggles. Ensure eye bath is to hand.

Skin protection: Impermeable protective clothing.

Environmental: Ensure all engineering measures mentioned in section 7 of SDS are in place.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

State:	Liquid
Odour:	Aromatic
Solubility in water:	Not miscible
Also soluble in:	Most organic solvents.
Viscosity:	Viscous
Boiling point/range°C:	n.V.
Melting point/range°C:	n.V.
Flammability limits %: lower:	n.V.
upper:	n.V.
Flash point°C:	> 100
Part.coeff. n-octanol/water:	n.V.
Autoflammability°C:	n.a.
Vapour pressure:	n.V.
Relative density:	1,78 g/cm3
VOC g/l:	Entfällt

9.2. Other information

Other information: No data available.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Hazardous ingredients:

BENZYL ALCOHOL

IVN	RAT	LD50	53	mg/kg
ORL	MUS	LD50	1360	mg/kg
ORL	RAT	LD50	1230	mg/kg

2,4,6-TRIS(DIMETHYLAMINOMETHYL)PHENOL

ORL	RAT	LD50	1200	mg/kg
SKN	RAT	LD50	1280	mg/kg

PHENOL

ORL	MUS	LD50	270	mg/kg
ORL	RAT	LD50	317	mg/kg

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SCU	RAT	LD50	460	mg/kg
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Toxicity values: No data available.

Symptoms / routes of exposure

Skin contact: Blistering may occur. Progressive ulceration will occur if treatment is not immediate.

Eye contact: Corneal burns may occur. May cause permanent damage.

Ingestion: Corrosive burns may appear around the lips. Blood may be vomited. There may be bleeding from the mouth or nose.

Inhalation: There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Disposal operations:

Transfer to a suitable container and arrange for collection by specialised disposal company.

Waste code number: 08 05 01

Disposal of packaging: Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

SECTION 14: TRANSPORT INFORMATION

14.1. UN number

UN number: UN1759

14.2. UN proper shipping name

Shipping name: CORROSIVE SOLID, (M-XYLYLENDIAMIN)

14.3. Transport hazard class(es)

Transport class: 8

14.4. Packing group

Packing group: II

14.5. Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

14.6. Special precautions for user

Tunnel code: E

Transport category: 2

SECTION 15: REGULATORY INFORMATION

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

Specific regulations: Not applicable.

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

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SECTION 16: OTHER INFORMATION

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: H301: Toxic if swallowed.

H302: Harmful if swallowed.

H302+312+332: Harmful if swallowed, in contact with skin or if inhaled.

H302+332: Harmful if swallowed or if inhaled.

H311: Toxic in contact with skin.

H314: Causes severe skin burns and eye damage.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H331: Toxic if inhaled.

H332: Harmful if inhaled.

H341: Suspected of causing genetic defects <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

H373: May cause damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

H400: Very toxic to aquatic life.

H412: Harmful to aquatic life with long lasting effects.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.