



Dated 25/05/2023 Printed on 26/05/2023 Page n. 1 / 12 Replaced revision:11 (Dated 09/05/2023)

Safety Data Sheet

According to Annex II to REACH - Regulation (EU) 2020/878 and to Annex II to UK REACH

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

1.1. Product identifier

Code: 011

Product name BETONGUAINA (A)

UFI: SA01-20MD-N00K-HGNM

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

Intended use Composite waterproofing system

1.3. Details of the supplier of the safety data sheet

Name NORD RESINE S.p.A. Full address Via Fornace Vecchia, 79

District and Country 31058 Susegana (TV)

Italia

Tel. +39 0438-437511 Fax +39 0438-435155

e-mail address of the competent person

responsible for the Safety Data Sheet annabreda@nordresine.com

Supplier: NORD RESINE S.p.A.

1.4. Emergency telephone number

For urgent inquiries refer to +39 0438 437511

SECTION 2. Hazards identification

2.1. Classification of the substance or mixture

The product is classified as hazardous pursuant to the provisions set forth in (EC) Regulation 1272/2008 (CLP) (and subsequent amendments and supplements). The product thus requires a safety datasheet that complies with the provisions of (EU) Regulation 2020/878

Any additional information concerning the risks for health and/or the environment are given in sections 11 and 12 of this sheet.

Hazard classification and indication:

Reproductive toxicity, effects on or via lactation H362 May cause harm to breast-fed children. Hazardous to the aquatic environment, chronic H412 Harmful to aquatic life with long lasting effects.

toxicity, category 3

2.2. Label elements

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

Hazard pictograms: --

Signal words: --

Hazard statements:

H362 May cause harm to breast-fed children.H412 Harmful to aquatic life with long lasting effects.

EUH208 Contains: REACTION MASS OF 5-CHLORO-2- METHYL-2H-ISOTHIAZOL-3-ONE AND

2-METHYL-2H-ISOTHIAZOL-3-ONE (3:1)

May produce an allergic reaction.

Precautionary statements:

P260 Do not breathe dust / fume / gas / mist / vapours / spray.



Revision nr.12 Dated 25/05/2023 Printed on 26/05/2023 Page n. 2 / 12 Replaced revision:11 (Dated 09/05/2023)

SECTION 2. Hazards identification .../>>

P201 Obtain special instructions before use.

Avoid contact during pregnancy and while nursing. P263 IF exposed or concerned: Get medical advice / attention. P308+P313

P273 Avoid release to the environment

CHLORINATED PARAFFINS, C14-17 Contains:

VOC (Directive 2004/42/EC):

Two-pack reactive performance coatings for specific end use such as floors.

VOC given in g/litre of product in a ready-to-use condition : 4 08 Limit value: 140 00

- Catalysed with : 50,00 % BETONGUAINA / BETONGUAINA. S (B)

2.3. Other hazards

PBT substances contained:

CHLORINATED PARAFFINS, C14-17

The product does not contain substances with endocrine disrupting properties in concentration ≥ 0.1%.

SECTION 3. Composition/information on ingredients

3.2. Mixtures

Contains:

Identification x = Conc. % Classification (EC) 1272/2008 (CLP)

CHLORINATED PARAFFINS, C14-17

INDEX 602-095-00-X $0.3 \le x < 1$ Lact. H362, Aquatic Acute 1 H400 M=10, Aquatic Chronic 1 H410 M=10,

EUH066

EC 287-477-0 CAS 85535-85-9

REACH Reg. 01-2119519269-33 **QUARTZ**

INDEX

 $0 \le x < 1$ **STOT RE 1 H372**

238-878-4 FC CAS 14808-60-7

REACTION MASS OF 5-CHLORO-2- METHYL-2H-ISOTHIAZOL-3-ONE AND 2-METHYL-2H-ISOTHIAZOL-3-ONE (3:1)

INDEX 613-167-00-5 $0 \le x < 0.0015$ Acute Tox. 2 H310, Acute Tox. 2 H330, Acute Tox. 3 H301, Skin Corr. 1C

H314, Eye Dam. 1 H318, Skin Sens. 1A H317, Aquatic Acute 1 H400 M=100, Aquatic Chronic 1 H410 M=100, EUH071, Classification note according to

Annex VI to the CLP Regulation: B

EC Skin Corr. 1C H314: ≥ 0,6%, Skin Irrit. 2 H315: ≥ 0,06%, Skin Sens. 1A H317:

≥ 0,0015%, Eye Dam. 1 H318: ≥ 0,6%, Eye Irrit. 2 H319: ≥ 0,06%

CAS 55965-84-9 STA Oral: 100 mg/kg, LD50 Dermal: 87,12 mg/kg, LC50 Inhalation

mists/powders: 0,171 mg/l/4h

AMMONIA

EC

Skin Corr. 1B H314, Eye Dam. 1 H318, STOT SE 3 H335, Aquatic Acute 1 INDEX 007-001-01-2 0 < x < 1

H400 M=1, Aquatic Chronic 2 H411, Classification note according to Annex

VI to the CLP Regulation: B

215-647-6 STOT SE 3 H335: ≥ 5%

CAS 1336-21-6 REACH Reg. 01-2119488876-14

The full wording of hazard (H) phrases is given in section 16 of the sheet.

SECTION 4. First aid measures

4.1. Description of first aid measures

EYES: Remove contact lenses, if present. Wash immediately with plenty of water for at least 30-60 minutes, opening the eyelids fully. Get medical advice/attention.

SKIN: Remove contaminated clothing. Rinse skin with a shower immediately. Get medical advice/attention.

INGESTION: Have the subject drink as much water as possible. Get medical advice/attention. Do not induce vomiting unless explicitly



Revision nr.12 Dated 25/05/2023 Printed on 26/05/2023 Page n. 3 / 12 Replaced revision:11 (Dated 09/05/2023)

SECTION 4. First aid measures .../>>

authorised by a doctor.

INHALATION: Get medical advice/attention immediately. Remove victim to fresh air, away from the accident scene. If the subject stops breathing, administer artificial respiration. Take suitable precautions for rescue workers.

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

Specific information on symptoms and effects caused by the product are unknown.

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

Information not available

SECTION 5. Firefighting measures

5.1. Extinguishing media

SUITABLE EXTINGUISHING EQUIPMENT

The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray.

UNSUITABLE EXTINGUISHING EQUIPMENT

None in particular.

5.2. Special hazards arising from the substance or mixture

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products.

5.3. Advice for firefighters

GENERAL INFORMATION

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

SECTION 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Block the leakage if there is no hazard.

Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.

6.2. Environmental precautions

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

6.3. Methods and material for containment and cleaning up

Collect the leaked product into a suitable container. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material.

Make sure the leakage site is well aired. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

6.4. Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

SECTION 7. Handling and storage

7.1. Precautions for safe handling

Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use. Remove any contaminated clothes and personal protective equipment before entering places in which people eat.



Revision nr.12 Dated 25/05/2023 Printed on 26/05/2023 Page n. 4 / 12 Replaced revision:11 (Dated 09/05/2023)

SECTION 7. Handling and storage .../>>

7.2. Conditions for safe storage, including any incompatibilities

Store only in the original container. Store the containers sealed, in a well ventilated place, away from direct sunlight. Keep containers away from any incompatible materials, see section 10 for details.

7.3. Specific end use(s)

Information not available

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

Regulatory references:

DEU	Deutschland	Technischen Regeln für Gefahrstoffe (TRGS 900) - Liste der Arbeitsplatzgrenzwerte und Kurzzeitwerte. MAK- und BAT-Werte-Liste 2020, Ständige Senatskommission zur Prüfung gesundheitsschädlicher Arbeitsstoffe, Mitteilung 56
ESP	España	Límites de exposición profesional para agentes químicos en España 2021
FRA	France	Valeurs limites d'exposition professionnelle aux agents chimiques en France. ED 984 - INRS
HRV	Hrvatska	Pravilnik o izmjenama i dopunama Pravilnika o zaštiti radnika od izloženosti opasnimkemikalijama na radu, graničnim vrijednostima izloženosti i biološkim graničnim vrijednostima (NN 1/2021)
ITA	Italia	Decreto Legislativo 9 Aprile 2008, n.81
NLD	Nederland	Arbeidsomstandighedenregeling. Lijst van wettelijke grenswaarden op grond van de artikelen 4.3, eerste lid, en 4.16, eerste lid, van het Arbeidsomstandighedenbesluit
PRT	Portugal	Decreto-Lei n.º 1/2021 de 6 de janeiro, valores-limite de exposição profissional indicativos para os agentes químicos. Decreto-Lei n.º 35/2020 de 13 de julho, proteção dos trabalhadores contra os riscos ligados à exposição durante o trabalho a agentes cancerígenos ou mutagénicos
POL	Polska	Rozporządzenie ministra rozwoju, pracy i technologii z dnia 18 lutego 2021 r. Zmieniające rozporządzenie w sprawie najwyższych dopuszczalnych stężeń i natężeń czynników szkodliwych dla zdrowia w środowisku pracy
ROU	România	Hotărârea nr. 53/2021 pentru modificarea hotărârii guvernului nr. 1.218/2006, precum și pentru modificarea și completarea hotărârii guvernului nr. 1.093/2006
SVN	Slovenija	Pravilnik o varovanju delavcev pred tveganji zaradi izpostavljenosti kemičnim snovem pri delu (Uradni list RS, št. 100/01, 39/05, 53/07, 102/10, 43/11 – ZVZD-1, 38/15, 78/18 in 78/19)
EU	OEL EU	Directive (EU) 2022/431; Directive (EU) 2019/1831; Directive (EU) 2019/130; Directive (EU) 2019/983; Directive (EU) 2017/2398; Directive (EU) 2017/164; Directive 2009/161/EU; Directive 2006/15/EC; Directive 2004/37/EC; Directive 2000/39/EC; Directive 98/24/EC; Directive 91/322/EEC.
	TLV-ACGIH	ACGIH 2022

			С	HLORINATED I	PARAFFINS, C	14-17			
Threshold Limit Va	lue				•				
Туре	Country	TWA/8h		STEL/15	min	Remarks / Observations			
	•	mg/m3	ppm	mg/m3	ppm				
AGW	DEU	6	0,3	48	2,4	INHAL	11		
AGW	DEU	6	0,3	48	2,4	SKIN	11		
Predicted no-effect	t concentra	tion - PNE	С						
Normal value in f	resh water						0,001	mg/l	
Normal value in r	marine wate	r		0,0002	mg/l				
Normal value for	fresh water	sediment					13	mg/kg/d	
Normal value for	marine water	er sediment					2,6	mg/kg/d	
Normal value of S	STP microor	ganisms		80	mg/l				
Normal value for	the terrestri	al compartr	ment				11,9	mg/kg/d	
Health - Derived no	effect leve	I - DNEL /	DMEL						
	Effec	ts on consu	umers			Effects on wor	kers		
Route of exposur	re Acute	e Ac	ute	Chronic	Chronic	Acute	Acute	Chronic	Chronic
	local	sys	stemic	local	systemic	local	systemic	local	systemic
Oral					0,58				
					mg/kg bw/d				
Inhalation					6,7				2
					mg/m3				mg/m3
Skin					28,75				47,9
					mg/kg bw/d				mg/kg
									bw/d



Revision nr.12 Dated 25/05/2023 Printed on 26/05/2023 Page n. 5 / 12 Replaced revision:11 (Dated 09/05/2023)

SECTION 8. Exposure controls/personal protection .../>>

				QI	JARTZ	
Threshold Limit V	/alue					
Type	Country	TWA/8h		STEL/15	min	Remarks / Observations
		mg/m3	ppm	mg/m3	ppm	
VLA	ESP		0,05			RESP
VLEP	FRA	0,1				RESP
GVI/KGVI	HRV	0,1				
VLEP	ITA	0,1				RESP
TGG	NLD	0,075				RESP
VLE	PRT	0,025				RESP
NDS/NDSCh	POL	0,1				RESP
TLV	ROU	0,1				RESP
MV	SVN	0,15				RESP
OEL	EU	0,1				RESP
TLV-ACGIH		0,025				RESP

REACTION MASS OF 5-CHLORO-2- METHYL-2H-ISOTHIAZOL-3-ONE AND 2-METHYL-2H-ISOTHIAZOL-3-ONE									
	(3:1)								
Threshold Lim	it Value								
Type	Country	TWA/8h		STEL/15	min	Remarks / Observations			
		mg/m3	ppm	mg/m3	ppm				
MAK	DEU	0,2		0,4		INHAL			

				AN	IMONIA		
Threshold Lin	nit Value						
Туре	Country	TWA/8h		STEL/15	min	Remarks / Observations	
		mg/m3	ppm	mg/m3	ppm		
OEL	EU	14	20	36	50		

Legend:

(C) = CEILING; INHAL = Inhalable Fraction; RESP = Respirable Fraction; THORA = Thoracic Fraction.

VND = hazard identified but no DNEL/PNEC available ; NEA = no exposure expected ; NPI = no hazard identified ; LOW = low

hazard ; MED = medium hazard ; HIGH = high hazard.

8.2. Exposure controls

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration.

When choosing personal protective equipment, ask your chemical substance supplier for advice.

Personal protective equipment must be CE marked, showing that it complies with applicable standards.

HAND PROTECTION

Protect hands with category III work gloves.

The following should be considered when choosing work glove material (see standard EN 374): compatibility, degradation, failure time and permeability.

The work gloves' resistance to chemical agents should be checked before use, as it can be unpredictable. The gloves' wear time depends on the duration and type of use.

SKIN PROTECTION

Wear category I professional long-sleeved overalls and safety footwear (see Regulation 2016/425 and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.

EYE PROTECTION

Wear airtight protective goggles (see standard EN 166).

RESPIRATORY PROTECTION

If the threshold value (e.g. TLV-TWA) is exceeded for the substance or one of the substances present in the product, use a mask with a type B filter whose class (1, 2 or 3) must be chosen according to the limit of use concentration. (see standard EN 14387). In the presence of gases or vapours of various kinds and/or gases or vapours containing particulate (aerosol sprays, fumes, mists, etc.) combined filters are required.

Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. The protection provided by masks is in any case limited.

If the substance considered is odourless or its olfactory threshold is higher than the corresponding TLV-TWA and in the case of an emergency, wear open-circuit compressed air breathing apparatus (in compliance with standard EN 137) or external air-intake breathing apparatus (in compliance with standard EN 138). For a correct choice of respiratory protection device, see standard EN 529.

ENVIRONMENTAL EXPOSURE CONTROLS

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

Product residues must not be indiscriminately disposed of with waste water or by dumping in waterways.





Value

not applicable

Printed on 26/05/2023 Page n. 6 / 12 Replaced revision:11 (Dated 09/05/2023)

Information

SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Properties Appearance liquid Colour white Odour characteristic Melting point / freezing point not available Initial boiling point 100 not available Flammability

Lower explosive limit not available Upper explosive limit not available Flash point 100 not available Auto-ignition temperature Decomposition temperature not available

7.5 not available Kinematic viscosity CAN BE DILUTED Solubility Partition coefficient: n-octanol/water not available Vapour pressure not available Density and/or relative density 1,29 kg/l Relative vapour density not available

9.2 Other information

Particle characteristics

9.2.1. Information with regard to physical hazard classes

Information not available

9.2.2. Other safety characteristics

VOC (Directive 2004/42/EC): 0,49 % - 6,27 g/litre VOC (volatile carbon) < 0.01 % -< 0.01 g/litre

SECTION 10. Stability and reactivity

10.1. Reactivity

There are no particular risks of reaction with other substances in normal conditions of use.

AMMONIA

Corrodes: aluminium,iron,zinc,copper,copper alloys.

10.2. Chemical stability

The product is stable in normal conditions of use and storage.

CHLORINATED PARAFFINS, C14-17

SADT >200°C/392°F.

10.3. Possibility of hazardous reactions

No hazardous reactions are foreseeable in normal conditions of use and storage.

AMMONIA

Risk of explosion on contact with: strong acids,iodine.May react dangerously with: strong bases.

10.4. Conditions to avoid

None in particular. However the usual precautions used for chemical products should be respected.

10.5. Incompatible materials

AMMONIA

Incompatible with: silver, silver salts, lead, lead salts, zinc, zinc salts, hydrochloric acid, nitric acid,oleum,halogens,acrolein,nitromethane,acrylic acid.





Revision nr.12 Dated 25/05/2023 Printed on 26/05/2023 Page n. 7 / 12 Replaced revision:11 (Dated 09/05/2023)

SECTION 10. Stability and reactivity .../>>

10.6. Hazardous decomposition products

AMMONIA

May develop: nitric oxide.

SECTION 11. Toxicological information

In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification.

It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.

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

Metabolism, toxicokinetics, mechanism of action and other information

Information not available

Information on likely routes of exposure

Information not available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Information not available

Interactive effects

Information not available

ACUTE TOXICITY

ATE (Inhalation) of the mixture:

ATE (Oral) of the mixture:

Not classified (no significant component)

Not classified (no significant component)

ATE (Dermal) of the mixture:

Not classified (no significant component)

CHLORINATED PARAFFINS, C14-17

LD50 (Oral): > 4000 mg/kg Rat - Wistar LC50 (Inhalation vapours): > 48,17 mg/l/1h Rat

REACTION MASS OF 5-CHLORO-2- METHYL-2H-ISOTHIAZOL-3-ONE AND 2-METHYL-2H-ISOTHIAZOL-3-ONE (3:1)

 LD50 (Dermal):
 87,12 mg/kg Rabbit

 LD50 (Oral):
 457 mg/kg Rat

 LC50 (Inhalation mists/powders):
 0,171 mg/l/4h Rat

AMMONIA

LD50 (Oral): 350 mg/kg Rat

SKIN CORROSION / IRRITATION

Does not meet the classification criteria for this hazard class

SERIOUS EYE DAMAGE / IRRITATION

Does not meet the classification criteria for this hazard class

RESPIRATORY OR SKIN SENSITISATION

May produce an allergic reaction.

Contains:

REACTION MASS OF 5-CHLORO-2- METHYL-2H-ISOTHIAZOL-3-ONE AND 2-METHYL-2H-ISOTHIAZOL-3-ONE (3:1)

GERM CELL MUTAGENICITY

Does not meet the classification criteria for this hazard class

CARCINOGENICITY

Does not meet the classification criteria for this hazard class



Dated 25/05/2023 Printed on 26/05/2023 Page n. 8 / 12 Replaced revision:11 (Dated 09/05/2023)

SECTION 11. Toxicological information .../>>

REPRODUCTIVE TOXICITY

May cause harm to breast-fed children.

STOT - SINGLE EXPOSURE

Does not meet the classification criteria for this hazard class

STOT - REPEATED EXPOSURE

Does not meet the classification criteria for this hazard class

ASPIRATION HAZARD

Does not meet the classification criteria for this hazard class

11.2. Information on other hazards

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with human health effects under evaluation.

SECTION 12. Ecological information

This product is dangerous for the environment and the aquatic organisms. In the long term, it have negative effects on aquatic environment.

12.1. Toxicity

AMMONIA

LC50 - for Fish 47 mg/l/96h Channa punctata EC50 - for Crustacea 20 mg/l/48h Daphnia magna

REACTION MASS OF 5-CHLORO-2- METHYL-2H-ISOTHIAZOL-3-ONE AND 2-METHYL-2H-ISOTHIAZOL-3-ONE (3:1)

LC50 - for Fish 0,19 mg/l/96h Oncorhynchus mykiss EC50 - for Crustacea 0,16 mg/l/48h Daphnia magna

EC50 - for Algae / Aquatic Plants 0,0052 mg/l/72h Skeletonema costatum

Chronic NOEC for Fish 0,02 mg/l Danio rerio
Chronic NOEC for Crustacea 0,1 mg/l Daphnia magna

Chronic NOEC for Algae / Aquatic Plants 0,00049 mg/l Skeletonema costatum

CHLORINATED PARAFFINS, C14-17

LC50 - for Fish > 5000 mg/l/96h Alburnus alburnus EC50 - for Crustacea 0,0077 mg/l/48h Daphnia magna

EC50 - for Algae / Aquatic Plants > 3,2 mg/l/72h Pseudokirchnerella subcapitata

Chronic NOEC for Crustacea 0,01 mg/l Daphnia magna

12.2. Persistence and degradability

AMMONIA

Degradability: information not available

REACTION MASS OF 5-CHLORO-2- METHYL-2H-ISOTHIAZOL-3-ONE AND 2-METHYL-2H-ISOTHIAZOL-3-ONE (3:1)

Solubility in water > 10000 mg/l

NOT rapidly degradable

CHLORINATED PARAFFINS, C14-17

Solubility in water < 0,1 mg/l

NOT rapidly degradable

12.3. Bioaccumulative potential

REACTION MASS OF 5-CHLORO-2- METHYL-2H-ISOTHIAZOL-3-ONE AND 2-METHYL-2H-ISOTHIAZOL-3-ONE (3:1)

Partition coefficient: n-octanol/water 0,75 BCF < 54





Revision nr.12 Dated 25/05/2023 Printed on 26/05/2023 Page n. 9 / 12 Replaced revision:11 (Dated 09/05/2023)

SECTION 12. Ecological information .../>>

CHLORINATED PARAFFINS, C14-17

Partition coefficient: n-octanol/water 7,2

12.4. Mobility in soil

CHLORINATED PARAFFINS, C14-17

Partition coefficient: soil/water

12.5. Results of PBT and vPvB assessment

PBT substances contained: CHLORINATED PARAFFINS, C14-17

12.6. Endocrine disrupting properties

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with environmental effects under evaluation.

12.7. Other adverse effects

Information not available

SECTION 13. Disposal considerations

13.1. Waste treatment methods

Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations.

Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.

CONTAMINATED PACKAGING

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

SECTION 14. Transport information

The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

14.1. UN number or ID number

not applicable

14.2. UN proper shipping name

not applicable

14.3. Transport hazard class(es)

not applicable

14.4. Packing group

not applicable

14.5. Environmental hazards

not applicable

14.6. Special precautions for user

not applicable



Revision nr.12 Dated 25/05/2023 Printed on 26/05/2023 Page n. 10 / 12 Replaced revision:11 (Dated 09/05/2023)

SECTION 14. Transport information .../>>

14.7. Maritime transport in bulk according to IMO instruments

Information not relevant

SECTION 15. Regulatory information

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

Seveso Category - Directive 2012/18/EU:

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006

Product

Point Contained substance Point 75

Regulation (EU) 2019/1148 - on the marketing and use of explosives precursors

not applicable

Substances in Candidate List (Art. 59 REACH) CHLORINATED PARAFFINS, C14-17

REACH Reg.: 01-2119519269-33

Substances subject to authorisation (Annex XIV REACH)

Substances subject to exportation reporting pursuant to Regulation (EU) 649/2012:

Substances subject to the Rotterdam Convention:

Substances subject to the Stockholm Convention:

None

Healthcare controls

Workers exposed to this chemical agent must not undergo health checks, provided that available risk-assessment data prove that the risks related to the workers' health and safety are modest and that the 98/24/EC directive is respected.

VOC (Directive 2004/42/EC):

Two-pack reactive performance coatings for specific end use such as floors.

15.2. Chemical safety assessment

A chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3.

SECTION 16. Other information

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

Lact. Reproductive toxicity, effects on or via lactation

Acute Tox. 2 Acute toxicity, category 2 Acute Tox. 3 Acute toxicity, category 3

STOT RE 1 Specific target organ toxicity - repeated exposure, category 1

Skin Corr. 1B Skin corrosion, category 1B Skin Corr. 1C Skin corrosion, category 1C

STOT SE 3 Specific target organ toxicity - single exposure, category 3

Skin Sens. 1A Skin sensitization, category 1A

Aquatic Acute 1 Hazardous to the aquatic environment, acute toxicity, category 1 **Aquatic Chronic 1** Hazardous to the aquatic environment, chronic toxicity, category 1 **Aquatic Chronic 2** Hazardous to the aquatic environment, chronic toxicity, category 2 **Aquatic Chronic 3** Hazardous to the aquatic environment, chronic toxicity, category 3

H362 May cause harm to breast-fed children.

H310 Fatal in contact with skin H330 Fatal if inhaled. H301

H372 Causes damage to organs through prolonged or repeated exposure.

H314 Causes severe skin burns and eye damage.

Toxic if swallowed.

ΕN



NORD RESINE S.p.A.

011 - BETONGUAINA (A)

Revision nr.12 Dated 25/05/2023 Printed on 26/05/2023 Page n. 11 / 12 Replaced revision:11 (Dated 09/05/2023)

SECTION 16. Other information .../>>

H335 May cause respiratory irritation. H317 May cause an allergic skin reaction.

H400 Very toxic to aquatic life.

Very toxic to aquatic life with long lasting effects. H410 H411 Toxic to aquatic life with long lasting effects. Harmful to aquatic life with long lasting effects. H412

Repeated exposure may cause skin dryness or cracking. **EUH066**

FUH071 Corrosive to the respiratory tract.

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- ATE: Acute Toxicity Estimate
- CAS: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE: Identifier in ESIS (European archive of existing substances)
- CLP: Regulation (EC) 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: Regulation (EC) 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA: Time-weighted average exposure limit
- TWA STEL: Short-term exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation
- WGK: Water hazard classes (German).

GENERAL BIBLIOGRAPHY

- 1. Regulation (EC) 1907/2006 (REACH) of the European Parliament
- 2. Regulation (EC) 1272/2008 (CLP) of the European Parliament
- 3. Regulation (EU) 2020/878 (II Annex of REACH Regulation)
- 4. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
- 5. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament
- 6. Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament
- 7. Regulation (EU) 487/2013 (IV Atp. CLP) of the European Parliament
- 8. Regulation (EU) 944/2013 (V Atp. CLP) of the European Parliament
- 9. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament
- 10. Regulation (EU) 2015/1221 (VII Atp. CLP) of the European Parliament
- 11. Regulation (EU) 2016/918 (VIII Atp. CLP) of the European Parliament
- 12. Regulation (EU) 2016/1179 (IX Atp. CLP)
- 13. Regulation (EU) 2017/776 (X Atp. CLP)
- 14. Regulation (EU) 2018/669 (XI Atp. CLP)
- 15. Regulation (EU) 2019/521 (XII Atp. CLP)
- 16. Delegated Regulation (UE) 2018/1480 (XIII Atp. CLP)
- 17. Regulation (EU) 2019/1148
- 18. Delegated Regulation (UE) 2020/217 (XIV Atp. CLP)
- 19. Delegated Regulation (UE) 2020/1182 (XV Atp. CLP)
- 20. Delegated Regulation (UE) 2021/643 (XVI Atp. CLP)
- 21. Delegated Regulation (UE) 2021/849 (XVII Atp. CLP) 22. Delegated Regulation (UE) 2022/692 (XVIII Atp. CLP)
- The Merck Index. 10th Edition
- Handling Chemical Safety
- INRS Fiche Toxicologique (toxicological sheet)



Revision nr.12 Dated 25/05/2023 Printed on 26/05/2023 Page n. 12 / 12 Replaced revision:11 (Dated 09/05/2023)

SECTION 16. Other information .../>>

- Patty Industrial Hygiene and Toxicology
- N.I. Sax Dangerous properties of Industrial Materials-7, 1989 Edition
- IFA GESTIS website
- FCHA website
- Database of SDS models for chemicals Ministry of Health and ISS (Istituto Superiore di Sanità) Italy

Note for users

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

CALCULATION METHODS FOR CLASSIFICATION

Chemical and physical hazards: Product classification derives from criteria established by the CLP Regulation, Annex I, Part 2. The data for evaluation of chemical-physical properties are reported in section 9.

Health hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 3, unless determined otherwise in Section 11.

Environmental hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 4, unless determined otherwise in Section 12.

Changes to previous review:

The following sections were modified:

02 / 03 / 08 / 09 / 11 / 12 / 15 / 16.