

	2048 - FLEUR VARNISH FLEUR DESIGNER'S PAINT TOP VARNISH SATIN	Page 1 of 11 Revision nr. 2 Dated 27/04/2024 Printed on 06/06/2024 Replaced revision: 1 (Dated 17/12/2022) Page n. 1/11
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Safety Data Sheet

According to Annex II to REACH - Regulation 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: Various
Product name: Fleur Top Varnish Satin

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

Intended use: PC-PNT-2 Paints and coatings for decorative use

Identified Uses	Industrial	Professional	Consumer
Application of resinous products - Retail	-	-	✓

1.3. Details of the supplier of the safety data sheet

Name: COLORIFICIO CENTRALE S.R.L.
Full address: Via Industria 12,14,16
District and Country: 25030 Torbole Casaglia, Brescia (BS) - IT

e-mail address of the competent person responsible for the Safety Data Sheet: info@fleurpaint.com

1.4. Emergency telephone number

For urgent inquiries refer to:
Company phone number: 030 2151004
United Kingdom: National Poisons Information Service - City Hospital, Birmingham B187QH, United Kingdom +44 121 507 4123
- Ireland: National Poisons Information Centre - Beaumont Hospital, Beaumont, Dublin 9., Ireland +35318092566
- Malta: Malta Competition and Consumer Affairs Authority (MCCAA) Mizzi House National Road, Blata l-Bajda HMR9010, Malta +356 2395 2000
Malta: Mater Dey Hospital: Tel: 2545 0000

SECTION 2. Hazards identification

2.1. Classification of the substance or mixture

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP). However, since the product contains hazardous substances in concentrations such as to be declared in section no. 3, it requires a safety data sheet with appropriate information, compliant to (EU) Regulation 2020/878.

Hazard classification and indication: --

2.2. Label elements

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

Hazard pictograms: --

Signal words: --

Hazard statements:

EUH210
EUH208

Safety data sheet available on request.
Contains: CMIT/MIT Reaction mass 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)
May produce an allergic reaction.

Precautionary statements:

P501
P102
P280

Dispose of contents / container as special waste to authorized plants.
Keep out of reach of children.
Wear protective gloves / eye protection / face protection.

SECTION 2. Hazards identification ... / >>

P101

If medical advice is needed, have product container or label at hand.

P273

Avoid release to the environment.

2.3. Other hazards

On the basis of available data, the product does not contain any PBT or vPvB in percentage \geq than 0,1%.

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

SECTION 3. Composition/information on ingredients

3.2. Mixtures

Contains:

Identification

x = Conc. %

Classification (EC) 1272/2008 (CLP)

CMIT/MIT Reaction mass 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)

CAS 55965-84-9

0,0005 \leq x < 0,0015

Acute Tox. 2 H310, Acute Tox. 2 H330, Acute Tox. 3 H301, Skin Corr. 1B H314, Eye Dam. 1 H318, Skin Sens. 1 H317, Aquatic Acute 1 H400 M=100, Aquatic Chronic 1 H410 M=100, EUH071

EC 611-341-5

Skin Corr. 1B H314: \geq 0,6%, Skin Irrit. 2 H315: \geq 0,06%, Skin Sens. 1 H317: \geq 0,0015%, Eye Dam. 1 H318: \geq 0,6%, Eye Irrit. 2 H319: \geq 0,06%

INDEX 613-167-00-5

LD50 Oral: 66 mg/kg, LD50 Dermal: >141 mg/kg, ATE Inhalation gas: 100 ppm, ATE Inhalation mists/powders: 0,051 mg/l, ATE Inhalation vapours: 0,501 mg/l

REACH Reg. 01-2120764691-48

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 any contact lenses. Wash immediately and abundantly with water for at least 15 minutes, opening the eyelids wide. Consult a doctor if necessary.

SKIN: Wash immediately and abundantly with water and neutral soap. In case of skin reactions contact a doctor.

INHALATION: Move the subject to fresh air. If breathing is difficult, call a doctor right away.

INGESTION: Consult a doctor immediately. Rinse mouth immediately and drink plenty of water. Induce vomiting only on medical advice.

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

May irritate by contact with skin and eyes.

Repeated and/or prolonged exposure to low concentrations of vapors can cause sore throat.

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

Treat symptomatically. In case they are ingested or inhaled large quantities, contact a poison control center immediately.
No specific treatment necessary.

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

Stop the leak if there is no danger.
Wear suitable protective equipment (see section 8).

6.2. Environmental precautions

Prevent the product from entering sewers, soil, surface waters, groundwater.

6.3. Methods and material for containment and cleaning up

Dike the spilled product with earth or inert material. Amalgamate the spillage with sand, earth or other material suitable absorbent. Collect in a plastic container and dispose of following the instructions given in section 13.

6.4. Reference to other sections

Information regarding personal protection and disposal can be found in sections 8 and 13.

SECTION 7. Handling and storage

7.1. Precautions for safe handling

Ensure adequate ventilation of the workplace.
Do not eat, drink or smoke during use.

See section 8 for detailed information on the handling of the product and the management of the related risks (in relation to the uses identified in point 1.2).

7.2. Conditions for safe storage, including any incompatibilities

Keep containers tightly closed in a cool, well-ventilated place.
Do not store near acids.
Do not pour into metal containers.

Prevent the product from freezing.

7.3. Specific end use(s)

There are no known uses other than those contemplated in this sheet.

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

2-AMINO-2-METHYLPROPANOL

Threshold Limit Value

Type	Country	TWA/8h mg/m3	ppm	STEL/15min mg/m3	ppm	Remarks / Observations
AGW	DEU	3,7	1	7,4	2	SKIN
MAK	DEU	3,7	1	7,4	2	SKIN

Dipropilenglycol n-butylether

Predicted no-effect concentration - PNEC

Normal value in fresh water	0,519	mg/l
Normal value in marine water	0,052	mg/l
Normal value for fresh water sediment	2,96	mg/kg/d
Normal value for marine water sediment	0,296	mg/kg/d
Normal value for water, intermittent release	5,19	mg/l
Normal value for the terrestrial compartment	0,287	mg/kg/d

Health - Derived no-effect level - DNEL / DMEL

Route of exposure	Effects on consumers		Effects on workers		Chronic local	Chronic systemic
	Acute local	Acute systemic	Chronic local	Chronic systemic		
Oral			16 mg/kg bw/d			
Inhalation			56 mg/m3		189 mg/m3	
Skin			80 mg/kg bw/d		134 mg/kg bw/d	

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

The appropriate conditions of use that allow the safe application of the product are described below.

By implementing the proposed risk management measures, the residual risk for the applicator can be considered under control.

The considerations below have been integrated, where relevant, also considering the information on specific consumer exposure reported on the SCEDs developed by the European sector organization CEPE (SCED 9a 01 / SCED 9b 10).

8.2.1 SUITABLE ENGINEERING CONTROLS

OPERATING CONDITIONS (CO):

Type of use: indoor application with roller, brush (floors/walls)

Use distance: 30cm-1m

Maximum amount mixed per application: up to 2.5kg

Applicator exposure time: 1 - 2 hours (considering mixing and application).

Application temperature: ambient T (10-30 °C)

MEASURES TO PREVENT EXPOSURE

- Structural measures: ensure good ventilation of the area.

- Organizational measures: none in particular.

- Technical measures: any personal protective equipment (e.g. gloves or goggles) that you want to use as a precaution must be intact, valid and provided with specific CE marking.

8.2.2 PERSONAL PROTECTIVE EQUIPMENT (PPE)

EYE PROTECTION

Not necessary under normal conditions of use.

Avoid touching your eyes during application.

PROTECTION OF HANDS and SKIN

In any case, it is advisable to wear gloves during handling and application operations. PVC gloves complying with EN 374 are suitable.

Note. The gloves have a wear time that depends on the duration, the method of use, the breaking time and the permeation. The wear time could in practice be much shorter than the permeation time determined in tests. Constantly check that the gloves worn are not damaged during use, if so, replace them immediately.

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

8.2.2.3 RESPIRATORY PROTECTION

RESPIRATORY PROTECTION

In normal conditions of use it is not necessary.

8.2.3 ENVIRONMENTAL EXPOSURE CONTROLS

Waterfall. Do not enter drains.

Soil. Prevent the product from entering the soil. Disposal. Product residues and contaminated packaging must be disposed of as hazardous waste as described in point 13.1. Note. In case of accidental release of the product, see point 6.

ENVIRONMENTAL EXPOSURE CONTROLS

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

SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Properties	Value	Information
Appearance	liquid	
Colour	colourless	
Odour	mild	
Odour threshold	not determined	Reason for missing data: Not available from suppliers and not calculable, instrument not available.
Melting point / freezing point	not determined	Reason for missing data: Not available from suppliers and not calculable, instrument not available.
Initial boiling point	100 °C	
Boiling range	not determined	Reason for missing data: Not available from suppliers and not calculable, instrument not available.
Flammability	not flammable	
Lower explosive limit	not applicable	
Upper explosive limit	not applicable	
Flash point	> 100 °C	
Auto-ignition temperature	not applicable	
Decomposition temperature	not applicable	
pH	8,0-8,5	
Kinematic viscosity	not available	
Dynamic viscosity	40-50 "	Method: Ford Cup 4
Solubility	partially miscible	
Partition coefficient: n-octanol/water	not applicable	
Vapour pressure	not determined	Reason for missing data: Not available from suppliers and not calculable, instrument not available.
Density and/or relative density	1,05-1,15 g/cm3	
Relative vapour density	not determined	Reason for missing data: Not available from suppliers and not calculable, instrument not available.
Particle characteristics	not applicable	

9.2. Other information

9.2.1. Information with regard to physical hazard classes

Information not available

9.2.2. Other safety characteristics

Evaporation rate	not determined	Reason for missing data: Not available from suppliers and not calculable, instrument not available.
Molecular weight g/mol	not determined	
Explosive properties	not applicable	
Oxidising properties	not applicable	

SECTION 10. Stability and reactivity

10.1. Reactivity

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

10.2. Chemical stability

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

10.3. Possibility of hazardous reactions

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

10.4. Conditions to avoid

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

10.5. Incompatible materials

Information not available

10.6. Hazardous decomposition products

Information not available

SECTION 11. Toxicological information

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:

Not classified (no significant component)

ATE (Oral) of the mixture:

Not classified (no significant component)

ATE (Dermal) of the mixture:

Not classified (no significant component)

ISOBUTYRIC ACID, MONOESTER WITH 2,2,4-TRIMETHYLPENTANE-1,3-DIOL

LD50 (Oral):

6500 mg/kg Rat - Carworth-Wistar

LD50 (Dermal):

> 15200 mg/kg Rabbit - New Zeland white

CMIT/MIT Reaction mass 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)

LD50 (Oral):

66 mg/kg Rat. OECD 401

LD50 (Dermal):

> 141 mg/kg Rat. OECD 401.

Dipropilenglycol n-butylether

LD50 (Oral):

3700 mg/kg Rat

LD50 (Dermal):

> 2000 mg/kg Rat

LC50 (Inhalation vapours):

2,04 mg/l/4h Rat

SKIN CORROSION / IRRITATION

Does not meet the classification criteria for this hazard class

SECTION 11. Toxicological information ... / >>

SERIOUS EYE DAMAGE / IRRITATION

Does not meet the classification criteria for this hazard class

RESPIRATORY OR SKIN SENSITISATION

May produce an allergic reaction.

Contains:

CMIT/MIT Reaction mass 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)

Respiratory sensitization

Information not available

Skin sensitization

Information not available

GERM CELL MUTAGENICITY

Does not meet the classification criteria for this hazard class

CARCINOGENICITY

Does not meet the classification criteria for this hazard class

REPRODUCTIVE TOXICITY

Does not meet the classification criteria for this hazard class

Adverse effects on sexual function and fertility

Information not available

Adverse effects on development of the offspring

Information not available

Effects on or via lactation

Information not available

STOT - SINGLE EXPOSURE

Does not meet the classification criteria for this hazard class

Target organs

Information not available

Route of exposure

Information not available

STOT - REPEATED EXPOSURE

Does not meet the classification criteria for this hazard class

Target organs

Information not available

Route of exposure

Information not available

ASPIRATION HAZARD

Does not meet the classification criteria for this hazard class

SECTION 11. Toxicological information ... / >>

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

Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation.

12.1. Toxicity

ISOBUTYRIC ACID, MONOESTER WITH 2,2,4-TRIMETHYLPENTANE-1,3-DIOL

LC50 - for Fish	33 mg/l/96h Pimephales promelas
EC50 - for Crustacea	147,8 mg/l/48h Daphnia magna
EC50 - for Algae / Aquatic Plants	> 57 mg/l/72h Pseudokirchnerella subcapitata

CMIT/MIT Reaction mass 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)

LC50 - for Fish	0,22 mg/l/96h Oncorhynchus mykiss
EC50 - for Crustacea	0,1 mg/l/48h
EC50 - for Algae / Aquatic Plants	0,048 mg/l/72h
Chronic NOEC for Fish	0,098 mg/l Exposure 28d (Oncorhynchus mykiss)
Chronic NOEC for Crustacea	0,0036 mg/l 21d Daphnia Magna
Chronic NOEC for Algae / Aquatic Plants	0,0012 mg/l Pseudokirchnerella subcapitata

Dipropilenglycol n-butylether

LC50 - for Fish	841 mg/l/96h Poecilia ret. OECD 203
EC50 - for Crustacea	> 1000 mg/l/48h Daphnia magna

12.2. Persistence and degradability

ISOBUTYRIC ACID, MONOESTER WITH 2,2,4-TRIMETHYLPENTANE-1,3-DIOL

Solubility in water	1360 mg/l
Rapidly degradable	

Dipropilenglycol n-butylether

Rapidly degradable

12.3. Bioaccumulative potential

ISOBUTYRIC ACID, MONOESTER WITH 2,2,4-TRIMETHYLPENTANE-1,3-DIOL

Partition coefficient: n-octanol/water	3,2
BCF	44,1

Dipropilenglycol n-butylether

Partition coefficient: n-octanol/water	1,13 Log Kow
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12.4. Mobility in soil

ISOBUTYRIC ACID, MONOESTER WITH 2,2,4-TRIMETHYLPENTANE-1,3-DIOL

Partition coefficient: soil/water	2,2181
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12.5. Results of PBT and vPvB assessment

On the basis of available data, the product does not contain any PBT or vPvB in percentage \geq than 0,1%.

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

The disposal of the product (packaging and any liquid and solid residues) must be carried out by the user in compliance with the indications of his/her local municipality. The same considerations also apply to contaminated tools, rags and clothing. All secondary packaging (e.g. boxes or stretch films) or constituent elements of the packaging that are not contaminated by dangerous substances (e.g. seals and staples, kit junction rings, caps, ties, etc.) must be disposed of with reference to the coding identification present on the packaging itself or to the information transmitted by the retailer in accordance with the national legislation in force.

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

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: None

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

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)
On the basis of available data, the product does not contain any SVHC in percentage \geq than 0,1%.

Substances subject to authorisation (Annex XIV REACH)
None

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

SECTION 15. Regulatory information ... / >>

None

Substances subject to the Rotterdam Convention: None

Substances subject to the Stockholm Convention: None

Healthcare controls

Information not available

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:

Acute Tox. 2	Acute toxicity, category 2
Acute Tox. 3	Acute toxicity, category 3
Skin Corr. 1B	Skin corrosion, category 1B
Skin Sens. 1	Skin sensitization, category 1
Aquatic Acute 1	Hazardous to the aquatic environment, acute toxicity, category 1
Aquatic Chronic 1	Hazardous to the aquatic environment, chronic toxicity, category 1
H310	Fatal in contact with skin.
H330	Fatal if inhaled.
H301	Toxic if swallowed.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
EUH071	Corrosive to the respiratory tract.
EUH210	Safety data sheet available on request.

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).

SECTION 16. Other information ... / >>

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)
23. Delegated Regulation (UE) 2023/707

- The Merck Index. - 10th Edition
- Handling Chemical Safety
- INRS - Fiche Toxicologique (toxicological sheet)
- Patty - Industrial Hygiene and Toxicology
- N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
- IFA GESTIS website
- ECHA 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.

CRITERIA AND METHODOLOGIES FOR EXPOSURE EVALUATIONS (referred to in point 8.2)

Where available and relevant, the exposure scenarios provided by the suppliers of the raw materials contained in the product were analyzed, in relation to the identified and communicated uses.

Whenever possible, supplier information was integrated with the results that emerged from any assessment of the risks of exposure of our installers to dangerous chemical agents; the assessment is carried out in compliance with Title IX Chapter I of Legislative Decree 81/08 with the aid of the EPC computer model.

Changes to previous review:

The following sections were modified:

01 / 02 / 04 / 07 / 09 / 11 / 12.