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Colorificio A. & B. Casati SpA 353101 - VERONITE

Revision 8 Revision date 12/10/2015 Printed on 02/11/2015 Page no. 1/10 ΙT

Safety Data Sheet

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

1.1. Product identifier

Code: 353101 Name VERONITE

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

Description / Use White sandable primer for wood.

1.3. Information on the supplier of the safety data sheet

Business name Colorificio A. & B. Casati SpA Via
Address Valpantena 59 / B - Poiano

Location and State 37142 VERONA (VR)

ITALY tel. 045 550 244 fax 045 550 414

e-mail of the competent person

responsible for the safety data sheet tintotec@casati.it

1.4. Emergency telephone number

For urgent information contact **045550244**

SECTION 2. Hazards identification.

2.1. Substance or mixture classification.

The product is classified as dangerous pursuant to the provisions of Regulation (EC) 1272/2008 (CLP) (and subsequent amendments and adjustments). The product therefore requires a safety data sheet compliant with the provisions of Regulation (EC) 1907/2006 and subsequent amendments.

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

Hazard classification and indications:

Flammable liquid, category 3 H226 Flammable liquid and vapor.

2.2. Label elements.

Danger labeling pursuant to Regulation (EC) 1272/2008 (CLP) and subsequent amendments and adjustments.

Hazard pictograms:



Warnings: Caution

Hazard statements:

H226 Flammable liquid and vapor.

EUH066 Repeated exposure can cause skin dryness and cracking. Contains:

EUH208 2-BUTANONE OXIME

It can cause an allergic reaction.

Precautionary advice:

P102 Keep out of reach of children.

P210 Keep away from heat sources, hot surfaces, sparks, open flames or other sources of ignition. Not smoking. Keep

P233 the container tightly closed.

P280 Wear protective gloves and protect eyes / face.

P501 Dispose of the product / container in collection points for hazardous or special waste.

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SECTION 2. Hazards identification..../>>

2.3. Other dangers.

On the basis of available data, the product does not contain PBT or vPvB substances in percentage greater than 0.1%.

SECTION 3. Composition / information on ingredients.

3.1. Substances.

Not relevant information.

3.2. Blends.

CAS

Contains:

Identification. Conc.%. Classification 1272/2008 (CLP).

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

64742-48-9 14 - 19 Flam. Liq. 3 H226, Asp. Tox. 1 H304, STOT SE 3 H336, EUH066

THERE IS. 919-857-5

INDEX.

Reg. No. 01-2119463258-33

2-BUTANONE OXIME

CAS. 96-29-7 0.45 - 0.5 Carc. 2 H351, Acute Tox. 4 H312, Eye Dam. 1 H318, Skin Sens. 1 H317

THERE IS. 202-496-6
INDEX. 616-014-00-0

Reg. No. 01-2119639477-28 1-METHYL-2-

METHOXYETHYL ACETATE CAS.

108-65-6 0.3 - 0.35 Flam. Liq. 3 H226

тиве is. 203-603-9 INDEX. 607-195-00-7 Reg. No. 01-2119475791-29

Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%) CAS.

64742-82-1 0.1 - 0.15 Flam. Liq. 3 H226, STOT RE 1 H372, Asp. Tox. 1 H304, STOT SE 3 H336,

Aquatic Chronic 2 H411, EUH066, Note P

THERE IS. 919-446-0 INDEX. 649-330-00-2

Reg. No. 01-2119458049-33-XXXX 2-(2-BUTOXYETHOXY) ETHANOL CAS.

112-34-5 0 - 0.05 Eye Irrit. 2 H319

THERE IS. 203-961-6 INDEX. 603-096-00-8

Note: Upper value of the range excluded.

The full wording of the hazard statements (H) 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 with plenty of water for at least 15 minutes, opening the eyelids well. Consult a physician if the problem persists.

SKIN: Take off contaminated clothing. Take a shower immediately. Call a doctor immediately. Wash the contaminated garments before reusing them.

INHALATION: Take the subject to fresh air. If breathing stops, give artificial respiration. Call a doctor immediately.

INGESTION: Call a doctor immediately. Do not induce vomiting. Do not give anything that is not expressly authorized by your doctor.

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

For symptoms and effects due to the substances contained, see chap. 11.

4.3. Indication of any immediate medical attention and special treatment needed. Information not available.

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SECTION 5. Firefighting measures.

5.1. Fire fighting. SUITABLE

EXTINGUISHING MEDIA

Extinguishing media are: carbon dioxide, foam, chemical powder. For product leaks and spills that have not caught fire, water spray can be used to disperse flammable vapors and protect those involved in stopping the leak.

UNSUITABLE EXTINGUISHING MEDIA

Do not use water jets. Water is not effective to extinguish the fire however it can be used to cool closed containers exposed to the flame, preventing bursts and explosions.

5.2. Special hazards arising from the substance or mixture.

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

Overpressure can be created in containers exposed to fire with danger of explosion. Avoid breathing combustion products.

5.3. Recommendations for firefighters. GENERAL INFORMATIONS

Cool the containers with jets of water to avoid product decomposition and the development of substances potentially hazardous to health. Always wear full fire protection equipment. Collect the extinguishing water which must not be discharged into the sewers. Dispose of the contaminated water used for extinguishing and the residue of the fire according to current regulations.

FOLITPMENT

Normal clothing for firefighting, such as an open circuit compressed air breathing apparatus (EN 137), flame retardant suit (EN469), flame retardant gloves (EN 659) and fire brigade boots (HO A29 or A30).

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 (including personal protective equipment referred to in section 8 of the safety data sheet) to prevent contamination of skin, eyes and personal clothing. These indications are valid both for the workers and for emergency interventions.

6.2. Environmental precautions.

Prevent the product from entering sewers, surface water, groundwater.

6.3. Methods and materials for containment and cleaning up.

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

Provide sufficient ventilation of the place affected by the leak. Check for any incompatibilities for the container material in section 7. The disposal of contaminated material must be carried out in accordance with the provisions of point 13.

6.4. Reference to other sections.

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

SECTION 7. Handling and storage.

7.1. Precautions for Safe Handling.

Keep away from heat, sparks and open flames, do not smoke or use matches or lighters. Without adequate ventilation, vapors can accumulate on the ground and catch fire even at a distance, if triggered, with the risk of backfire. Avoid the accumulation of electrostatic charges. Do not eat, drink or smoke during use. Remove contaminated clothing and protective equipment before entering eating areas. Avoid the dispersion of the product in the environment.

7.2. Conditions for safe storage, including any incompatibilities.

Keep only in the original container. Store in a cool and well-ventilated place, away from heat sources, open flames, sparks and other sources of ignition. Keep containers away from any incompatible materials, checking section 10.

7.3. Specific end uses.

Information not available.

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SECTION 8. Exposure controls / personal protection.

8.1. Control parameters.

Normative requirements:

THAT Suisse / Schweiz Valeurs limites d'exposition aux postes de travail 2012. / Grenzwerte am Arbeitsplatz EH40 /

GRB United Kingdom 2005 Workplace exposure limits

IRL Éire Code of Practice Chemical Agent Regulations 2011

ITA Italy Legislative Decree 9 April 2008, n.81

EU OEL EU Directive 2009/161 / EU; Directive 2006/15 / EC; Directive 2004/37 / EC; Directive 2000/39 / EC.

TLV-ACGIH ACGIH 2014

				2-BUTAN	ONE OXIME	
Threshold limi	t value.					
Guy	State	TWA / 8h		STEL / 15n	min	
		mg / m3	ppm	mg / m3	ppm	
OEL	IRL	10	3	33	10	

						^·-					
1-METHYL-2-METHOXYETHYL ACETATE											
Threshold lim	it value.										
Guy	State	TWA / 8h		STEL / 15r	min						
		mg / m3	ppm	mg / m3	ppm						
WEL	GRB	274	50	548	100						
OEL	IRL	275	50	550	100	LEATHER.					
TLV	ITA	275	50	550	100	LEATHER.					
OFI	FU	275	50	550	100	I FATHER.					

				2- (2-BUTOXYET	HOXY) ETI	HANOL	
Threshold limit v	alue.						
Guy	State	TWA / 8h		STEL / 15r	STEL / 15min		
		mg / m3	ppm	mg / m3	ppm		
VEL	THAT	67	10	101.2	15		
MAK	THAT	67	10	101.2	15		
TLV	ITA	67.5	10	101.2	15		
OEL	EU	67.5	10	101.2	15		
TLV-ACGIH		66	10				

Legend:

(C) = CEILING; INALAB = Inhalable Fraction; RESPIR = Breathing Fraction; TORAC = Thoracic Fraction.

8.2. Exposure controls.

Considering that the use of adequate technical measures should always take priority over personal protective equipment, ensure good ventilation in the workplace through effective local exhaust.

HAND PROTECTION

Protect hands with category III work gloves (ref. Standard EN 374).

For the final choice of the material of the work gloves it is necessary to consider: compatibility, degradation, breakage time and permeation.

In the case of preparations, the resistance of work gloves to chemical agents must be checked before use as it is not foreseeable. Gloves have a wear time that depends on the duration and method of use.

SKIN PROTECTION

Wear category I professional long-sleeved work clothes and safety footwear (ref. Directive 89/686 / EEC and standard EN ISO 20344). Wash with soap and water after removing protective clothing.

Consider providing antistatic clothing if the workplace presents a risk of explosivity. EYE PROTECTION

It is recommended to wear airtight protective goggles (ref. Standard EN

166). RESPIRATORY PROTECTION

In case of exceeding the threshold value (e.g. TLV-TWA) of the substance or of one or more of the substances present in the product, it is advisable to wear a mask with a type A filter whose class (1, 2 or 3) must be chosen in relation to the limit concentration of use. (ref. standard EN 14387). If there are gases or vapors of a different nature and / or gases or vapors with particles (aerosols, fumes, mists, etc.), combined filters must be provided.

The use of respiratory protection means is necessary if the technical measures adopted are not sufficient to limit the exposure of the worker to the threshold values taken into consideration. The protection offered by the masks is however limited.

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SECTION 8. Exposure controls / personal protection.

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In the event that the substance in question is odorless or its olfactory threshold is higher than the relative TLV-TWA and in the event of an emergency, wear an open-circuit compressed air breathing apparatus (ref. Standard EN 137) or a self-contained breathing apparatus. outdoor air (ref. EN 138 standard). For the correct choice of the respiratory protection device, refer to the EN 529 standard. ENVIRONMENTAL EXPOSURE CONTROLS.

° C.

Emissions from manufacturing processes, including those from ventilation equipment should be controlled for compliance with environmental protection legislation.

SECTION 9. Physical and chemical properties.

9.1. Information on basic physical and chemical properties.

Physical state liquid Color White

Odoraliphatic hydrocarbonsOdor threshold.Unavailable.pH.Unavailable.Melting or freezing point. InitialUnavailable.boiling point.Unavailable.Boiling range. FlashUnavailable.point. Evaporation rate $23 \le T \le 60$

Unavailable.

Flammability of solids and Unavailable.
gases Lower flammability limit. Unavailable.
Upper flammability limit. Lower Unavailable.
explosive limit. Upper explosive Unavailable.
limit. Vapor pressure. Unavailable.
Unavailable.
Vapor density Unavailable.

Vapor density Relative density. 1,750 Kg / I insoluble in water Solubility Partition coefficient: n-octanol / water: Auto-Unavailable. Unavailable. ignition temperature. Decomposition temperature. Unavailable. Viscosity Unavailable. Unavailable **Explosive properties** Oxidizing properties Unavailable.

9.2. Other information. VOC

(Directive 2004/42 / EC): VOC 15.41% - 269.70 Not g / liter.

(volatile carbon): available.

SECTION 10. Stability and reactivity.

10.1. Reactivity.

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

1-METHYL-2-METHOXYETHYL ACETATE: stable, but with air it can slowly give peroxides which explode due to an increase in temperature.

10.2. Chemical stability.

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

10.3. Possibility of hazardous reactions.

Vapors can form explosive mixtures with air.

1-METHYL-2-METHOXYETHYL ACETATE: can react violently with oxidants and strong acids and alkali metals. 2- (2-BUTOXYETHOXY) ETHANOL: can react with oxidants. With atmospheric oxygen it can form peroxides. Upon reaction with aluminum it can give hydrogen. It can form explosive mixtures with air.

10.4. Conditions to avoid.

Avoid overheating. Avoid the accumulation of electrostatic charges. Avoid any source of ignition.

1-METHYL-2-METHOXYETHYL ACETATE: keep in an inert atmosphere and away from humidity because it hydrolyzes easily. 2- (2-BUTOXYETHOXY) ETHANOL: avoid contact with air.

10.5. Incompatible materials.

1-METHYL-2-METHOXYETHYL ACETATE: oxidants, strong acids and alkali metals. 2- (2-BUTOXYETHOXY) ETHANOL: oxidizing substances, strong acids and alkaline metals.

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

10.6. Hazardous decomposition products.

Due to thermal decomposition or in the event of fire, gases and vapors potentially harmful to health can be released.

2- (2-BUTOXYETHOXY) ETHANOL: hydrogen.

SECTION 11. Toxicological information.

11.1. Information on toxicological effects.

In the absence of experimental toxicological data on the product itself, any health hazards of the product have been assessed on the basis of the properties of the substances contained, according to the criteria established by the reference legislation for classification. Therefore, consider the concentration of the individual dangerous substances possibly mentioned in sect. 3, to evaluate the toxicological effects deriving from exposure to the product.

By repeated exposure the product can exert a degreasing action on the skin, which manifests itself with dryness and cracking. The product contains sensitizing substance (s) and therefore may cause an allergic reaction.

- 1-METHYL-2-METHOXYETHYL ACETATE: the main route of entry is the skin, while the respiratory one is less important, given the low vapor pressure of the product. Above 100 ppm there is irritation of the ocular, nasal and oropharyngeal mucous membranes. At 1000 ppm there are balance disturbances and severe eye irritation. Clinical and biological tests performed on the exposed volunteers did not reveal any anomalies. Acetate produces greater skin and eye irritation on direct contact. No chronic effects on humans are reported.
- 2- (2-BUTOXYETHOXY) ETHANOL: can be absorbed by inhalation, ingestion and skin contact; it is irritating to the skin and especially to the eyes. Damage to the spleen can occur. At room temperature the danger of inhalation is unlikely, due to the low vapor pressure of the substance.

1-METHYL-2-METHOXYETHYL ACETATE

LD50 (Oral). 8530 mg / kg Rat LD50 (Dermal). > 5000 mg / kg Rat

2- (2-BUTOXYETHOXY) ETHANOL

LD50 (Oral). 3384 mg / kg Rat LD50 (Dermal). 2700 mg / kg Rabbit

2-BUTANONE OXIME

 LD50 (Oral).
 2400 mg / kg Rat

 LD50 (Dermal).
 > 1000 mg / kg Rabbit

 LC50 (Inhalation).
 20 mg / l / 4h Rat

Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclical, aromatic (2-25%)

LD50 (Oral). > 5000 mg / kg Rat LD50 (Dermal). > 2000 mg / kg Rabbit

SECTION 12. Ecological information.

As specific data on the preparation are not available, use according to good working practices, avoiding to disperse the product in the environment. Avoid dispersing the product in the ground or water courses. Notify the competent authorities if the product has reached water courses or if it has contaminated the soil or vegetation. Take measures to minimize the effects on the aquifer.

12.1. Toxicity.

Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclical, aromatic (2-25%)

LC50 - Pisces.

8.2 mg / I / 96h Pimephales promelas
EC50 - Crustaceans.

4.5 mg / I / 48h Daphnia magna

EC50 - Algae / Aquatic Plants. 3.1 mg / l / 72h Pseudokirchnerella subcapitata

12.2. Persistence and degradability.

1-METHYL-2-METHOXYETHYL ACETATE

Solubility in water. > 10000 mg / I

Quickly biodegradable.

2- (2-BUTOXYETHOXY) ETHANOL

Solubility in water. mg / I 1000 - 10000

Quickly biodegradable.

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SECTION 12. Ecological information..../>>

2-BUTANONE OXIME

Solubility in water. mg / I 1000 - 10000

Inherently biodegradable.

Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclical, aromatic (2-25%)

Quickly biodegradable.

12.3. Bioaccumulation potential.

1-METHYL-2-METHOXYETHYL ACETATE

Partition coefficient: n-octanol / water. 1.2

2- (2-BUTOXYETHOXY) ETHANOL Partition

coefficient: n-octanol / water.

2-BUTANONE OXIME

Partition coefficient: n-octanol / water. BCF. 0.63

0.5

12.4. Mobility in soil.

2-BUTANONE OXIME

Partition coefficient: soil / water. 0.55

Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclical, aromatic (2-25%)

Partition coefficient: soil / water. 1.78

12.5. Results of PBT and vPvB assessment.

On the basis of available data, the product does not contain PBT or vPvB substances in percentage greater than 0.1%.

12.6. Other adverse effects.

Information not available.

SECTION 13. Disposal considerations.

13.1. Waste treatment methods.

Reuse if possible. Product residues are to be considered special hazardous waste. The dangerousness of the waste that partially contains this product must be assessed on the basis of the laws in force.

Disposal must be entrusted to an authorized waste management company, in compliance with national and possibly local regulations.

The transport of waste may be subject to ADR.

CONTAMINATED PACKAGING

Contaminated packaging must be sent for recovery or disposal in compliance with national waste management regulations.

SECTION 14. Transport information.

14.1. UN number.

ADR / RID, IMDG, IATA: 1263

14.2. UN proper shipping name.

ADR / RID: PAINTS OR MATERIALS SIMILAR TO PAINT IMDG: PAINT OR PAINT RELATED MATERIAL PAINT OR

IATA: PAINT RELATED MATERIAL

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SECTION 14. Transport information..../>>

14.3. Transport hazard classes.

ADR / RID:

Class: 3

Label: 3

IMDG:

Class: 3

Label: 3

IATA:

Class: 3

Label: 3



14.4. Packing group.

ADR / RID, IMDG, IATA:

14.5. Dangers for the environment.

ADR / RID: NO IMDG: NO IATA: NO

14.6. Special precautions for users.

ADR / RID:

HIN - Kemler: 30 Special

provision: 640E EMS: FE, S

-AND

IMDG: <u>-Al</u> IATA: Ca

Cargo:

Pass .:

Special instructions:

Limited Quantity: 5 L

Limited quantities: 5 L

Maximum quantity: 220 L Maximum quantity: 60 L

A3, A72, A192

Packing instructions: 366

Tunnel restriction code: (D / E)

Packing instructions: 355

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code.

Not relevant information.

SECTION 15. Regulatory information.

15.1. Standards and legislation on health, safety and environment specific for the substance or mixture.

Seveso category.

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Restrictions relating to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006.

Product.

Point. 3 - 40

Contained substances.

Point. 55 2- (2-BUTOXYETHOXY) ETHANOL

Substances in the Candidate List (Art. 59 REACH).

None

Substances subject to authorization (Annex XIV REACH).

None

Substances subject to export notification obligation Reg. (EC) 649/2012:

None

Substances subject to the Rotterdam Convention:

None

Substances subject to the Stockholm Convention:

None.

Sanitary checks.

Information not available.

VOC (Directive 2004/42 / EC):

Primer.

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SECTION 15. Regulatory information.

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VOC expressed in g / liter of ready-to-use product:

 Maximum limit:
 350.00 (2010)

 VOC of the product:
 315.18

- Diluted with: 10.00% ODORLESS THINNER

15.2. Chemical safety assessment.

A chemical safety assessment has not been developed for the mixture and the substances it contains.

SECTION 16. Other information.

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

Flam. Liq. 3 Flammable liquid, category 3
Carc. 2 Carcinogenicity, category 2 Acute

Acute Tox. 4 toxicity, category 4

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

Asp. Tox. 1 hazard, category 1

Eye Dam. 1 Serious eye damage, category 1 Eye **Eye Irrit. 2** irritation, category 2 Skin sensitization,

Skin Sens. 1 category 1

STOT SE 3 Specific target organ toxicity - single exposure, category 3 Hazardous to **Aquatic Chronic 2** the aquatic environment, chronic toxicity, category 2 Flammable liquid

H226 and vapor.

H351 Suspected of causing cancer. **H312** Harmful in contact with skin.

H372 Causes damage to organs through prolonged or repeated exposure. It can be fatal if swallowed and if it enters the respiratory tract. Causes serious eye

H318 damage.

H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction. It can

H336 cause drowsiness or dizziness.

H411 Toxic to aquatic life with long lasting effects. Repeated exposure can cause

EUH066 skin dryness and cracking.

LEGEND:

- ADR: European agreement for the transport of dangerous goods by road
- CAS NUMBER: Number of the Chemical Abstract Service
- EC50: Concentration that gives effect to 50% of the population subject to testing
- CE NUMBER: Identification number in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived no effect level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System for Classification and Labeling of Chemicals
- $\hbox{-}\ IATA\ DGR:\ Regulations\ for\ the\ transport\ of\ dangerous\ goods\ of\ the\ International\ Air\ Transport\ Association$
- IC50: Concentration of immobilization of 50% of the population subject to testing
- IMDG: International maritime code for the transport of dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identification number in Annex VI of the CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal Dose 50%
- OEL: Occupational exposure level
- PBT: Persistent, bioaccumulating and toxic according to REACH
- PEC: Predicted environmental concentration
- PEL: Predictable level of exposure
- PNEC: Predicted No Effect Concentration
- REACH: EC Regulation 1907/2006
- RID: Regulations for the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration which must not be exceeded during any moment of occupational exposure.
- TWA STEL: Short term exposure limit
- TWA: Weighted average exposure limit
- VOC: Volatile organic compound
- vPvB: Very persistent and very bioaccumulating according to REACH
- WGK: Water hazard class (Germany).

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SECTION 16. Other information.... />>

GENERAL BIBLIOGRAPHY:

- 1. Regulation (EU) 1907/2006 of the European Parliament (REACH)
- 2. Regulation (EU) 1272/2008 of the European Parliament (CLP)
- 3. Regulation (EU) 790/2009 of the European Parliament (I Atp. CLP)
- 4. Regulation (EU) 2015/830 of the European Parliament
- 5. Regulation (EU) 286/2011 of the European Parliament (II Atp. CLP)
- 6. Regulation (EU) 618/2012 of the European Parliament (III Atp. CLP)
- 7. Regulation (EU) 487/2013 of the European Parliament (IV Atp. CLP)
- 8. Regulation (EU) 944/2013 of the European Parliament (V Atp. CLP)
- 9. Regulation (EU) 605/2014 of the European Parliament (VI Atp. CLP)
- The Merck Index. 10th Edition
- Handling Chemical Safety
- INRS Fiche Toxicologique (toxicological sheet)
- Patty Industrial Hygiene and Toxicology
- NI Sax Dangerous properties of Industrial Materials-7, 1989 Edition
- ECHA Agency website

Note for the user:

The information contained in this sheet is based on the knowledge available to us at the date of the latest version. The user must ensure the suitability and completeness of the information in relation to the specific use of the product.

This document should not be construed as a guarantee of any specific property of the product.

Since the use of the product does not fall under our direct control, the user is obliged to observe the laws and regulations in force on hygiene and safety under his own responsibility. No responsibility is assumed for improper use.

Provide adequate training to personnel assigned to the use of chemical products.

Changes from the previous revision. Changes have been made to the following sections: 02/03/08/09/11/12/14/15/16.