

SAFETY DATA SHEET

Release date:
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[Complies with Regulation (EC) 1907/2006 (REACH) as amended].

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

1.1. Product identifier

PRB COLOR ACRYL

1.1 Identified uses of the substance or mixture and recommended uses Identified uses: This paint is intended for painting walls and ceilings inside and outside residential premises, healthcare establishments and public utility buildings. It is suitable for surfaces prepared in the form of lime- cement plaster, plasterboard, wallpaper and wood-based products. Rooms intended for permanent human presence and food products can be used the day after the paint is applied.

Use advised against: Not determined.

1.2 Information concerning the supplier of the safety data sheet

Manufacturer :PRB

Address : 16 RUE DE LA TOUR 85150 LES ACHARDS

Telephone: 0251981010

Email address of the person responsible for this SDS: contact@prb.com

UK Importer: PRB SYSTEMS Ltd Montis Court, Bouncers Lane, Cheltenham, GL52 5JG www.prbsystems.co.uk
Contact 01242 524228

1.3 Emergency number 33(0)1 45 42 59 59.

Company/Organisation : INRS.

Other emergency numbers

UK 24 Hour Emergency Telephone Number +44 870 190

6777 Association/Organisation : UK - National Chemical

Emergency Centre (NCEC).

2. Hazard identification

2.1 Classification of the substance or mixture

H412 - Harmful to aquatic life with long lasting effects. Labelling elements

Danger and warning pictograms None.

Hazardous components which must be listed on the label

None.

Danger notes

H412 Harmful to aquatic life with long lasting effects. Labelling elements.

Safety advice

P102 Keep out of reach of children.

P273 Avoid release into the environment.

P501 Dispose of the contents and container at a waste collection point, in accordance with local or national regulations.

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<u>Additional labeling</u> EUH208 Contains: 2-octyl-2H-isothiazol-3-one; 1,2-benzisothiazolin-3(2H)-one; 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. EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist. Additional information Product treated with a biocidal product. Contains a reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2- methyl-2H-isothiazol-3-one (3:1), with 3-iodo-2-propinylbutylcarbamate added to ensure shelf life. The mixture contains a biocidal product with fungicidal properties. Active ingredients: terbutryne, 2-octyl-2H-isothiazol-3-one, zinc pyrithione. Water after cleaning tools must not enter groundwater or surface water. 2.3 Other hazards The substances contained in the product do not meet the criteria for PBTs or tPtBs under Annex XIII of the REACH regulation.

3. Composition / information on ingredients	
3.1 Substances	Not applicable.
3.2 Mixtures	
Titanium dioxide ¹ [in the form of powder containing 1% or more of particles with an aerodynamic diameter ≤ 10 µm] ¹⁾³⁾	
Concentration / range :	<16 %
CAS number:Etab	13463-67-7
EC number:\tab	236-675-5
Index number :	-
Registration number :	01-2119489379-17-XXXX
Classification:	Carc.2 H351 (inhalation)
<u>terbutryne</u>	
Concentration / range :	≤0,0025%
CAS number:Etab	886-50-0
EC number:\tab	212-950-5
Index number :	-
Registration number :	
Classification:	Acute Tox. 4 H302, Skin Sens. 1B H317, Aquatic Acute 1 H400 (M=100), Aquatic Chronic 1 H410 (M=100)
<u>2-octyl-2H-isothiazol-3-on</u>	
Concentration / range :	≤ 0,0015%
CAS number:Etab	26530-20-1
EC number:\tab	247-761-7

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Index number : 613-112-00-5
Registration number : -
Classification : **Acute Tox. 2 H330, Acute Tox. 3 H331, Acute Tox. 3 H301, Skin Corr. 1 H314, Eye Dam. 1 H318, Skin Sens. 1A H317, Aquatic Acute 1 H400 (M=100), Aquatic Chronic 1 H410 (M=100)**
Specific concentration limits: Skin Sens. 1 H317 : C ≥ 0.0015%.
(dust/fog)

ATE by inhalation: = 0.27 mg/L
Dermal: ETA= 311 mg/kg Oral:
ATE = 125 mg/kg zinc
pyrithione

Concentration / range : ≤ 0.0028%
CAS number:\tab 13463-41-7
EC number:etab 236-671-3
Index number : 613-333-00-7
Registration number : -
Classification : **Repr. 1B H360D, Acute Tox. 2 H330, Acute Tox. 3 H301, STOTRE 1 H372, Eye Dam. 1 H318, Aquatic Acute 1 H400 (M=1000), Aquatic Chronic 1 H410 (M=10)**
Inhalation ATE = 0.14
mg/L Oral: ATE = 221
mg/kg
(dust/fog)

1,2-benzisothiazol-3(2H)-one Concentration /
range : ≤ 0.049%
CAS number:\tab2634-33-5
EC number:tab 220-120-9
Index number : 613-088-00-6
Registration number : -
Classification : **Acute Tox. 4 H302, Skin Irrit. 2 H315, Skin Sens. 1 H317, Eye Dam. 1 H318, Aquatic Acute 1 H400 (M=10)**
Specific concentration limits: Skin Sens. 1 H317 : C ≥ 0,05%

3-iodo-2-propynyl butylcarbamate
Concentration / range : ≤ 0.006%
CAS number:\tab 55406-53-6
EC number:etab 259-627-5
Index number : 616-212-00-7
Registration number : -
Classification : **Acute Tox. 4 H302, Skin Sens. 1 H317, Eye Dam. 1 H318, Acute Tox. 4 H331, STOTRE 1 H372, Aquatic Acute 1 H400 (M=10), Aquatic Chronic 1 H410 (M=1)**

reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)
Concentration / range : < 0.0015%
CAS number:\tab 55965-84-
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EC number: \tab Index -
 number : 613-167- 00-5
 Registration number : -
 Classification: **Acute Tox. 3 H301, Acute Tox. 2 H310, Acute Tox. 2 H330, Skin Corr. 1C H314, Skin Sens 1A H317, Aquatic Acute 1 H400 (M=100), Aquatic Chronic 1 H410 (M=100), EUH⁰⁷¹²**

Specific concentration limits: **Skin Corr. 1B H314: C ≥ 0.6%**
Skin Irrit. 2 H315: 0.06% ≤ C < 0.6%
Eye Dam. 1 H318: C ≥ 0.6%
Eye Irrit. 2 H319: 0.06% ≤ C < 0.6%
Skin Sens. 1A H317: C ≥ 0.0015%

¹ Substance with an occupational exposure limit defined at national level.

² Additional hazard statement

³ Classification based on rating: V, W, 10- Titanium dioxide in liquid mixture does not present a hazard when inhaled with respirable fibres.

Full text of H statements: see section 16 of the SDS.

4. FIRST AID MEASURES

4.1. description of first aid measures

Skin contact: Remove contaminated clothing. Wash affected area with soap and water. If worrying symptoms appear, consult a doctor.

Contact with the eyes: Contact an ophthalmologist. Remove lenses. Rinse contaminated eyes with water for 10 to 15 minutes. Avoid too strong a jet of water as this may damage the cornea.

Ingestion: Do not induce vomiting. Rinse mouth with water. Never give anything by mouth to an unconscious person.

Call a doctor and show him/her the packaging or label.

Inhalation: Remove injured person to fresh air, keep warm and calm. If worrying symptoms appear, consult a doctor.

4.1 Main symptoms and effects, acute and delayed

Eye contact: Redness, tearing and burning may occur.

Skin contact: Reddening, drying and cracking of the skin may occur. Allergic reactions may occur in sensitive individuals.

Inhalation: Headache, dizziness or drowsiness may occur.

Ingestion: Abdominal pain, nausea, vomiting, diarrhoea.

4.2 Indication of any immediate medical care and special treatment required

The decision on immediate care and treatment must be taken by a doctor following an accurate assessment of the victim's condition.

5. Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media: non-flammable product - adapt extinguishing media to surrounding environment.

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Unsuitable extinguishing media: water spray - danger of fire spreading.

5.2 Special hazards arising from the substance or mixture

Combustion can generate harmful gases, including carbon oxides and other thermal decomposition products. Avoid breathing in combustion products that could damage your health.

5.3 Advice for firefighters

Use general protective equipment typical of fire situations. Do not remain in area threatened by fire without chemical-resistant clothing or self-contained breathing apparatus. Cool endangered containers from a distance using a water spray. Collect used extinguishing media - prevent fire water from entering surface and ground water.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Restrict access by third parties to the disaster area until the necessary clean-up work has been completed. Ensure that the incident and its effects are removed only by trained personnel. Use personal protective equipment. Avoid contact with eyes and skin. Ensure that ventilation is not impeded. In the event of a major leak, isolate the area at risk. Avoid breathing in vapours. Use suitable personal protective equipment. Do not walk on spilled product - risk of slipping.

6.2 Environmental precautions

If large quantities of the mixture are dispersed, take the necessary measures to prevent it from spreading into the natural environment. The product must not enter the sewage system, groundwater or surface water. If necessary, call the appropriate emergency services.

6.3 Methods and equipment for containment and cleaning up

Pick up spills using non-combustible materials that absorb liquids (e.g. sand, universal absorbents, silica, vermiculite, etc.) and place in identified containers. Treat the material collected as waste. Clean and ventilate the polluted area.

6.4 Reference to other sections

Handling of product waste - see section 13 of the SDS. Personal protective equipment - see section 8 of the SDS.

7. Handling and storage

7.1 Precautions for safe handling

Observe general health and safety rules. Do not eat, drink or smoke while working. Wear personal protective equipment. Avoid contamination of eyes and skin. Do not inhale vapours. Ensure that ventilation is not impeded. Wash hands before breaks and after work. Keep unused containers closed. Protect the product from humidity and high temperatures. Work away from sources of fire. Do not smoke at work.

7.2 Conditions for safe storage, including any incompatibilities

Store only in sealed original containers, in a cool, dry and well-ventilated area. Do not store with foodstuffs or animal feed, or with other hazardous substances.

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incompatible materials (see 10.5). Keep away from sources of ignition and direct sunlight.

7.3 Particular end use(s)
Paint.

8. Exposure controls/personal protection

8.1 Control parameters

Specification	VLE	VLCT	VLEP
Titanium [7440-32-6] and its compounds calculated on Ti basis	10 mg/m ³ 1286 as a	30 mg/m ³ ended	-

Recommended follow-up procedures

Apply procedures for monitoring hazardous concentrations of components in the air, as well as procedures for monitoring the cleanliness of the air in the workplace, if available and justified for the given workplace, in accordance with the applicable European or Polish standards, taking into account the conditions at the place of exposure and the measurement methodology adapted to the working conditions. The method, type and frequency of analyses and measurements must comply with the regulation of the Polish Minister of Health of 2 February 2011 (Journal of Laws No. 33, item 166).

8.2 Exposure controls

Observe general health and safety rules. Do not eat, drink or smoke while working. Avoid contaminating eyes and skin. Wash hands before breaks and after work with soapy water. Ensure adequate ventilation to keep the concentration of the harmful agent below the maximum permissible values. Do not inhale vapours.

Personal protective equipment

The need for and choice of appropriate PPE must take into account the type of hazard presented by the product, conditions at the workplace and the handling of the product. The personal protective equipment used must meet the requirements of Regulation (EU) 2016/425 and the applicable standards. The employer must ensure that the protective equipment is suitable for the activities carried out and meets all quality requirements, including maintenance and cleaning. Any contaminated or damaged PPE must be replaced immediately. Industrial and professional personal hygiene.

Hand protection: use protective gloves that are resistant to the product in accordance with standard EN374. For short-term contact, use performance level 2 or higher protective gloves (breakthrough time > 30 minutes). For prolonged contact, use performance level 6 protective gloves (breakthrough time > 480 minutes). Choose the glove material individually at the workplace.

The glove material must be impermeable and resistant to the product. The choice of glove material must be based on

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taking into account penetration times, diffusion rates and degradation. In addition, the choice of appropriate gloves depends not only on the material, but also on other quality marks and varies from one manufacturer to another. The glove manufacturer must determine the exact breakthrough time and adhere to it.

Body protection: Depending on the task, wear protective clothing appropriate to the potential hazard. In the event of prolonged contact with the product, use protective clothing made of coated or impregnated fabrics.

Eye protection: Use close-fitting goggles complying with standard EN166 if there is a risk of eye contamination.

Respiratory protection :

If vapours and aerosols are formed, use absorption or filtering equipment of the appropriate protection class (class 1/protection against vapours with a concentration not exceeding 0.1% by volume in air; class 2/protection against vapours with a concentration not exceeding 0.5% by volume in air; class 3/protection against vapours with a concentration not exceeding 1% by volume in air).

In cases where the oxygen concentration is $\leq 17\%$ and/or the maximum concentration of the toxic substance in air is $\geq 1.0\%$ by volume, isolating equipment must be used Environmental exposure controls

Prevent large quantities of product from entering groundwater, drains, sewers or soil. Any emissions from ventilation systems and process devices must be checked for compliance with the requirements of environmental protection regulations.

9. Physical and chemical properties

9.1 Information on essential physical and chemical properties

Physical state/form: Colour :	Liquid
Odour :	Depending on the product range
Olfactory threshold :	Characteristic for emulsion paints Not
pH :	determined
Melting point/freezing point: Initial	8-9
boiling point :	approx. 0 °C
Boiling range :	
Flash point	approx. 100 °C
Evaporation rate:	None
Flammability (solid, gas) :	Not determined
Upper / lower explosion limitVapour	None
pressure (20 °C): Vapour density :	Not determined
Density :	Not determined
Solubility(s) :	Not determined
Partition coefficient n-octanol/water :	1.4-1.6 g/cm ³
	Soluble inwater
	Not determined

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Auto-ignition temperature :	The product is not self-igniting
Decomposition temperature :	Not determined
Explosive properties	Not applicable
Oxidizing properties	Not applicable
Kinematic viscosity:	>10,000 mPa-s

9.2 Other information

No additional information

10. STABILITY AND REACTIVITY

reactivity

10.1. Reactivity

The product is not very reactive. Does not undergo dangerous polymerisation. See also the sub-sections 10.4 and 10.6.

10.2 Chemical stability

Stable under normal conditions of use and storage.

10.3 Possibility of dangerous reactions

Dangerous reactions unknown.

10.4 Conditions to avoid

Avoid direct sunlight, sources of fire and heat.

10.5 Incompatible materials

Avoid strong oxidising agents and acids.

10.6 Hazardous decomposition products

Unknown.

11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity

ATEmix (oral) > 2000 mg/kg

ATEmix (dermal) > 2000 mg/kg

ATEmix (inhalation, vapour) > 20 mg/l

The ATEmix value was calculated on the basis of the test results and the corresponding conversion factor derived from table 3.1.2 of regulation 1272/2008/EC.

Based on the available data, the classification criteria are not met.

Skin irritation or corrosion

Based on the available data, the classification criteria are not met. Serious eye damage/eye irritation

Based on the available data, the classification criteria are not met. Respiratory or skin sensitisation

According to available data the criteria for classification do not met. An allergic reaction may occur in sensitive individuals.

Mutagenicity

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Based on the available data, the classification criteria are not met.

Carcinogenicity

Based on the available data, the classification criteria are not met.

The product contains titanium dioxide, which is classified as Carc. 2, but due to the formulation there is no risk of exposure to product dust. The product is not classified as a carcinogen.

Reproductive toxicity

Based on the available data, the classification criteria are not met. Specific target organ toxicity - single exposure

Based on the available data, the classification criteria are not met. Specific target organ toxicity - repeated exposure

According to the data available, the classification criteria have not been met.

Aspiration hazard

Based on the available data, the classification criteria are not met.

11.2 Other information on toxicity :

Endocrine disrupting properties

The product does not contain ingredients listed in accordance with Article 59(1) as having endocrine disrupting properties or ingredients with endocrine disrupting properties endocrine disrupting properties in accordance with the criteria set out in Regulation 2017/2100/EU or Regulation 2018/605/EU in concentrations equal to or greater than 0.1%.

Other information

Unknown.

12. Ecological information

12.1 Toxicity

Harmful to aquatic organisms, causes long-term adverse effects.

12.2 Persistence and degradability

Unannounced.

12.3 Bioaccumulation potential

Unannounced.

12.4 Mobility at ground level

The product is soluble in water, mobile in soil and in the aquatic environment.

12.5 Results of PBT and tPtB assessments

The substances contained in the product do not meet the criteria for PBTs or tPtBs under Annex XIII of the REACH regulation.

12.6 Other adverse effects

The product must not contain ingredients listed in accordance with Article 59(1) as having endocrine disrupting properties or ingredients with endocrine disrupting properties according to the criteria set out in Regulation 2017/2100/EU or Regulation 2018/605/EU in concentrations equal to or greater than 0.1%.

12.7 Other negative effects

The mixture is not classified as dangerous for the ozone layer. Consideration should be given to

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possibility of other negative effects of the various components of the mixture on the environment (e.g. effect on global warming).

13. Disposal considerations

13.1 Waste treatment methods

Recommendations for mixtures: Dispose of in accordance with current regulations. Keep residues in original containers. Do not empty into drains. Assign a waste code where the mixture is prepared.

Recommendations for emptied packaging: Only completely emptied packaging can be recycled.

Packaging classified as waste must be disposed of and/or recovered by the waste holder in accordance with national waste management regulations. European regulations: European Parliament and Council directives: 2008/98/EC, 94/62/EC. National regulations: J.O.de2013,poste21; asamended, J . O.de2013,poste888;asamended.

14. Transport information

14.1 UN number

The product is not classified as dangerous during transport.

14.2 United Nations shipping name

Not applicable.

14.3 Transport hazard class(es)

Not applicable.

14.4 Packaging group

Not applicable.

14.5 Environmental hazards

The mixture is not dangerous for the environment according to the criteria specified in transport regulations.

14.6 Special precautions to be taken by the user

Avoid sources of heat and fire. Personal protective equipment.

14.7 Bulk transport in accordance with Annex II of the Marpol Convention and the IBC Code

Not applicable.

15. Regulatory information

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

Law of 25 February 2011 on chemical substances and their mixtures (Journal of Laws of 2011, no. 63, item 322, as amended).

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Regulation of the Minister for Labour and Social Policy of 12 June 2018 on the maximum permitted concentrations and intensity of harmful factors in the working environment (Official Journal 2018, item 1286, as amended).

ADR Agreement concerning the international carriage of dangerous goods by road. Waste Act of 14 December 2012. (Official Journal 2013, item 21 with amendments).

The Packaging and Packaging Waste Management Act of 13 June 2013 (Journal of Laws. 2013, item 88 as well as as amended).

Regulation of the Minister for the Climate of 2 January 2020 on the waste catalogue (Journal Official 2020, item 10).

Regulation of the Minister of Health of 2 February 2011 on the testing and measurement of factors harmful to health in the working environment (Dz. U. 2011, no. 33, point 166, as amended).

2000/39/EC Commission Directive of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

2006/15/EC Commission Directive of 7 February 2006 establishing a second list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Directives 91/322/EEC and 2000/39/EC.

2009/161/EU Commission Directive of 17 December 2009 establishing a third list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Commission Directive 2000/39/EC.

2017/164/EU Commission Directive of 31 January 2017 establishing a fourth list of indicative occupational exposure limit values in accordance with Council Directive 98/24/EC and amending Commission Directives 91/322/EEC, 2000/39/EC and 2009/161/EU.

2019/1831/EU Commission Directive of 24 October 2019 establishing a fifth list of indicative occupational exposure limit values in accordance with Council Directive 98/24/EC and amending Commission Directive 2000/39/EC.

2016/425/EU Regulation of the European Parliament and of the Council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC.

1907/2006/EC Regulation of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

2020/878/U Commission **Regulation** of 18 June 2020 amending Annex II to Regulation (EC) No

1272/2008/EC Regulation of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

2008/98/WE Directive of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives.

94/62/EC Directive of the European Parliament and of the Council of 20 December 1994 on packaging and packaging waste.

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15.2 Chemical safety assessment

Assessment of the chemical safety of the mixture is not required.

16. Other information

Full text of H statements in heading 3 H301Toxic if

swallowed.

H302	Harmful if swallowed.
H310	Fatal in contact with skin.
H314	Causes skin burns and serious eye damage
H315	Causes skin irritation.
H317	May cause skin allergy.
H318	Causes serious eye damage.
H330	Fatal by inhalation.
H331	Toxic by inhalation.
H351	Suspected of causing cancer.
H360D	May cause harm to the foetus.
H372	Risk of serious damage to organs through repeated or prolonged exposure.
H400	Very toxic to aquatic organisms.
H410	Very toxic to aquatic organisms, causes long-term adverse effects.

Full text of classifications

Acute Tox. 1,2,3,4	Acute toxicity, cat. 1,2,3,4.
Skin Irrit. 2	Skin irritation, cat. 2
Eye Irritation 2	Serious eye damage, cat. 2
Asp. Tox.1	Aspiration hazard Cat. 1
Eye Dam.	1Risk of serious damage to eyes Cat.1
STOT RE 1, 2	Specific target organ toxicity - repeated exposure Cat. 1, 2
Skin Corr. 1, 1C	Skin corrosion Cat. 1, 1C
Skin Sens. 1 ,1A	Skin sensitisation Cat. 1, 1A
Repr. 1B	Reproductive toxicity Cat. 1B
Carc. 2	Carcinogenicity Cat. 2
Aquatic Acute 1	Acute toxicity for the aquatic environment.
Aquatic Chronic 1,2,3,4	Chronic aquatic toxicity Cat. 1,2,3,4 tPtB
PBT	Very persistent and very bioaccumulative
ELV	Persistent, Bioaccumulative and Toxic
VLCT	Exposure limit value
VLEP	Short-term limit value
	Occupational Exposure Limit

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Maximum Allowable Concentration

Training

Before starting work with the product, the user must familiarise himself with the safety rules relating to the handling of chemical products, and in particular undergo training appropriate to his workstation.

Main bibliographical references and data sources

This SDS has been drawn up on the basis of the safety data sheets for the various components, supplied by the manufacturer, data found in bibliographic references and Internet databases, and on the basis of knowledge and experience acquired, taking into account the regulations currently in force.

Procedure used to determine the classification of the mixture

The classification was defined a calculation method based on on the basis of data relating to the content of hazardous components in accordance with the guidelines of Regulation 1272/2008/EC (CLP) as amended.

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The information above the have been compiled on the basis of current and valid data which product, experiencee a characterise the manufacturer's knowledge in this field. This is not a description qualita product, nor a promise of defined characteristics. These

This information should be considered as an aid to safe handling of the product. during transport, misuse of age and use. They do not relieve theuser of responsibility for the above the equipment, or the information and do not exempt him/her from his/her obligation to comply with all the regulatory standards in force in the field concerned.