

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

1.1. Product identifier

Product form : Mixture
Product name : 2C Perma Coat (A-comp.)
Product group : Trade product

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

1.2.1. Relevant identified uses

Main use category : Professional use

Title	Use descriptors
2C Metal Coat (A-comp.)	SU22, PC9a, PROC10, PROC11

Full text of use descriptors: see section 16

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

CHEMONA Holding B.V.
Rouwkooplaan 5
2251 AP VOORSCHOTEN
T (+31) 088 - 141 04 44
info@nanocoatinternational.com - www.nanocoatinternational.com

1.4. Emergency telephone number

No additional information available

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Flam. Liq. 3 H226
Skin Sens. 1 H317
STOT SE 3 H336
Aquatic Chronic 3 H412

Full text of H-phrases: see section 16

Classification according to Directive 67/548/EEC or 1999/45/EC

R43
R10
R67
R52/53

Full text of R-phrases: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS02

GHS07

Signal word (CLP) :

Warning

Hazard statements (CLP) :

H226 - Flammable liquid and vapour
H317 - May cause an allergic skin reaction
H336 - May cause drowsiness or dizziness
H412 - Harmful to aquatic life with long lasting effects

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Precautionary statements (CLP)	: P210 - Keep away from hot surfaces, open flames, sparks, heat. - No smoking P261 - Avoid breathing vapours, spray P273 - Avoid release to the environment P312 - Call a POISON CENTER/doctor/physician if you feel unwell P370+P378 - In case of fire: Use foam, dry extinguishing powder, carbon dioxide (CO ₂), Water mist for extinction P403+P233 - Store in a well-ventilated place. Keep container tightly closed P501 - Dispose of contents/container to according to local regulations.
EUH phrases	: EUH208 - Contains bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate (41556-26-7), Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate (82919-37-7), 4,4'-Isopropylidenedicyclohexanol, oligomeric reaction products with 1-chloro-2,3-epoxypropane (30583-72-3). May produce an allergic reaction

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification according to Directive 67/548/EEC
n-butyl acetate	(CAS No) 123-86-4 (EC no) 204-658-1 (EC index no) 607-025-00-1 (REACH-no) 01-2119485493-29	10 - 20	R10 R66 R67
2-methoxy-1-methylethyl acetate substance with a Community workplace exposure limit substance with national workplace exposure limit(s) (GB)	(CAS No) 108-65-6 (EC no) 203-603-9 (EC index no) 607-195-00-7 (REACH-no) 01-2119475791-29	5 - 10	R10
4,4'-Isopropylidenedicyclohexanol, oligomeric reaction products with 1-chloro-2,3-epoxypropane	(CAS No) 30583-72-3 (EC no) 500-070-7 (REACH-no) 01-2119959495-22	5 - 10	R43 R52/53
bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate	(CAS No) 41556-26-7 (EC no) 255-437-1	1 - 5	R43 N; R50/53
Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate	(CAS No) 82919-37-7 (EC no) 265-185-4	0,1 - 1	R43 N; R50/53
methanol	(CAS No) 67-56-1 (EC no) 200-659-6;200-659 (EC index no) 603-001-00-X (REACH-no) 01-2119433307-44	0,1 - 1	F; R11 T; R23/24/25 T; R39/23/24/25

Name	Product identifier	Specific concentration limits
methanol	(CAS No) 67-56-1 (EC no) 200-659-6;200-659 (EC index no) 603-001-00-X (REACH-no) 01-2119433307-44	(3 =< C < 10) Xn;R68/20/21/22 (3 =< C < 20) Xn;R20/21/22 (C >= 10) T;R39/23/24/25 (C >= 20) T;R23/24/25

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
n-butyl acetate	(CAS No) 123-86-4 (EC no) 204-658-1 (EC index no) 607-025-00-1 (REACH-no) 01-2119485493-29	10 - 20	Flam. Liq. 3, H226 STOT SE 3, H336
2-methoxy-1-methylethyl acetate substance with a Community workplace exposure limit substance with national workplace exposure limit(s) (GB)	(CAS No) 108-65-6 (EC no) 203-603-9 (EC index no) 607-195-00-7 (REACH-no) 01-2119475791-29	5 - 10	Flam. Liq. 3, H226
4,4'-Isopropylidenedicyclohexanol, oligomeric reaction products with 1-chloro-2,3-epoxypropane	(CAS No) 30583-72-3 (EC no) 500-070-7 (REACH-no) 01-2119959495-22	5 - 10	Skin Sens. 1B, H317 Aquatic Chronic 3, H412
bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate	(CAS No) 41556-26-7 (EC no) 255-437-1	1 - 5	Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate	(CAS No) 82919-37-7 (EC no) 265-185-4	0,1 - 1	Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
methanol	(CAS No) 67-56-1 (EC no) 200-659-6;200-659 (EC index no) 603-001-00-X (REACH-no) 01-2119433307-44	0,1 - 1	Flam. Liq. 2, H225 Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation), H331 STOT SE 1, H370

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Name	Product identifier	Specific concentration limits
methanol	(CAS No) 67-56-1 (EC no) 200-659-6;200-659 (EC index no) 603-001-00-X (REACH-no) 01-2119433307-44	(3 =< C < 10) STOT SE 2, H371 (C >= 10) STOT SE 1, H370

Full text of R- and H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: Remove to fresh air and keep at rest in a position comfortable for breathing. If you feel unwell, seek medical advice.
First-aid measures after skin contact	: Remove/Take off immediately all contaminated clothing. Wash skin with mild soap and water. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact	: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

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

Symptoms/injuries after inhalation	: May cause an allergic skin reaction. May cause drowsiness or dizziness.
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4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Foam. Dry powder. Carbon dioxide. Water spray.
Unsuitable extinguishing media	: Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Fire hazard	: Flammable liquid and vapour.
Explosion hazard	: May form flammable/explosive vapour-air mixture.

5.3. Advice for firefighters

Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Remove ignition sources. Use special care to avoid static electric charges. No naked lights. No smoking.
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6.1.1. For non-emergency personnel

Emergency procedures	: Evacuate unnecessary personnel.
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6.1.2. For emergency responders

Protective equipment	: Equip cleanup crew with proper protection.
Emergency procedures	: Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up	: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Store away from other materials.
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6.4. Reference to other sections

Concerning personal protective equipment to use, see section 8. Concerning disposal elimination after cleaning, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed	: Handle empty containers with care because residual vapours are flammable.
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Precautions for safe handling	: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. No naked lights. No smoking. Take precautionary measures against static discharge. Use only non-sparking tools. Avoid breathing vapours, spray. Use only outdoors or in a well-ventilated area.
Hygiene measures	: Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures	: Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment. Use explosion-proof electrical equipment.
Storage conditions	: Keep only in the original container in a cool, well ventilated place away from : Sources of ignition, Heat, Direct sunlight. Keep container tightly closed.
Incompatible products	: Strong bases. Strong acids.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

2-methoxy-1-methylethyl acetate (108-65-6)		
EU	Local name	2-Methoxy-1-methylethylacetate
EU	IOELV TWA (mg/m ³)	275 mg/m ³
EU	IOELV TWA (ppm)	50 ppm
EU	IOELV STEL (mg/m ³)	550 mg/m ³
EU	IOELV STEL (ppm)	100 ppm
EU	Notes	Skin
United Kingdom	Local name	1-Methoxypropyl acetate
United Kingdom	WEL TWA (mg/m ³)	274 mg/m ³
United Kingdom	WEL TWA (ppm)	50 ppm
United Kingdom	WEL STEL (mg/m ³)	548 mg/m ³
United Kingdom	WEL STEL (ppm)	100 ppm
United Kingdom	Remark (WEL)	Sk
Iceland	Notes (IS)	H

n-butyl acetate (123-86-4)		
United Kingdom	Local name	Butyl acetate
United Kingdom	WEL TWA (mg/m ³)	724 mg/m ³
United Kingdom	WEL TWA (ppm)	150 ppm
United Kingdom	WEL STEL (mg/m ³)	966 mg/m ³
United Kingdom	WEL STEL (ppm)	200 ppm

methanol (67-56-1)		
United Kingdom	Local name	Methanol
United Kingdom	WEL TWA (mg/m ³)	266 mg/m ³
United Kingdom	WEL TWA (ppm)	200 ppm
United Kingdom	WEL STEL (mg/m ³)	333 mg/m ³
United Kingdom	WEL STEL (ppm)	250 ppm
United Kingdom	Remark (WEL)	Sk

2-methoxy-1-methylethyl acetate (108-65-6)		
DNEL/DMEL (Workers)		
Long-term - systemic effects, dermal	153,5 mg/kg bodyweight/day	
Long-term - systemic effects, inhalation	275 mg/m ³	
DNEL/DMEL (General population)		
Long-term - systemic effects,oral	1,69 mg/kg bodyweight/day	
Long-term - systemic effects, inhalation	33 mg/m ³	
Long-term - systemic effects, dermal	54,8 mg/kg bodyweight/day	
PNEC (Water)		
PNEC aqua (freshwater)	0,635 mg/l	

n-butyl acetate (123-86-4)		
DNEL/DMEL (Workers)		

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n-butyl acetate (123-86-4)	
Acute - systemic effects, inhalation	960 mg/m ³
Long-term - systemic effects, inhalation	480 mg/m ³
DNEL/DMEL (General population)	
Acute - systemic effects, inhalation	859,7 mg/m ³
Long-term - systemic effects, inhalation	102,34 mg/m ³
PNEC (Water)	
PNEC aqua (freshwater)	0,18 mg/l

methanol (67-56-1)	
DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	40 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	260 mg/m ³
DNEL/DMEL (General population)	
Long-term - systemic effects, inhalation	50 mg/m ³
Long-term - systemic effects, dermal	8 mg/kg bodyweight/day
PNEC (Water)	
PNEC aqua (freshwater)	20,8 mg/l

4,4'-Isopropylidenedicyclohexanol, oligomeric reaction products with 1-chloro-2,3-epoxypropane (30583-72-3)	
DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	5,5 mg/kg bodyweight/day
DNEL/DMEL (General population)	
Long-term - systemic effects, oral	3,3 mg/kg bodyweight/day
Long-term - systemic effects, dermal	3,3 mg/kg bodyweight/day
PNEC (Water)	
PNEC aqua (freshwater)	11,5 µg/l

8.2. Exposure controls

Personal protective equipment : Gloves. Safety glasses. Protective clothing.



Hand protection : Suitable chemical resistant safety gloves (EN 374) also with prolonged, direct contact (Recommended: Protective index 6, corresponding > 480 minutes of permeation time according to EN 374): e.g. nitrile rubber (>=0.4 mm), butyl rubber (>=0.7 mm) and others.

Eye protection : Wear eye glasses with side protection according to EN 166.

Skin and body protection : Wear suitable protective clothing.

Respiratory protection : In case of inadequate ventilation wear respiratory protection. Wear a respirator conforming to EN140 with Type A/P2 filter or better.

Other information : Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid

Colour : Colourless.

Odour : Ester.

Odour threshold : No data available

pH : No data available

Relative evaporation rate (butylacetate=1) : No data available

Melting point : No data available

Freezing point : No data available

Boiling point : No data available

Flash point : 25 °C

Auto-ignition temperature : No data available

Decomposition temperature : No data available

Flammability (solid, gas) : Flammable liquid and vapour

Vapour pressure : No data available

Relative vapour density at 20 °C : No data available

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Relative density	: No data available
Solubility	: Insoluble in water.
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: 1 - 10,6 vol %

9.2. Other information

VOC content : EU limit value for this product (cat. A/j); 500 g/l (2010). This product contains max. 500 g/l VOC.

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Flammable liquid and vapour. May form flammable/explosive vapour-air mixture.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures. Open flame. Overheating. Heat. Sparks.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide. May release flammable gases.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

2-methoxy-1-methylethyl acetate (108-65-6)	
LD50 oral rat	8532 mg/kg
LD50 dermal rat	> 5000 mg/kg
LC50 inhalation rat (mg/l)	> 5322 mg/l/4h

n-butyl acetate (123-86-4)	
LD50 oral rat	14,5 ml/kg
LD50 dermal rabbit	> 16 ml/kg
LC50 inhalation rat (mg/l)	> 21 mg/l (4h)

methanol (67-56-1)	
LD50 oral rat	700 mg/kg
LD50 oral	1400 mg/kg
LD50 dermal rabbit	15800 mg/kg
LC50 inhalation rat (mg/l)	85 mg/l/4h
LC50 inhalation rat (ppm)	64000 ppm/4h

4,4'-Isopropylidenedicyclohexanol, oligomeric reaction products with 1-chloro-2,3-epoxypropane (30583-72-3)	
LD50 oral rat	2000 mg/kg
LD50 dermal rat	> 2000 mg/kg

Skin corrosion/irritation	: Not classified Based on available data, the classification criteria are not met
Serious eye damage/irritation	: Not classified Based on available data, the classification criteria are not met
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified Based on available data, the classification criteria are not met
Carcinogenicity	: Not classified Based on available data, the classification criteria are not met

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Reproductive toxicity	: Not classified Based on available data, the classification criteria are not met
Specific target organ toxicity (single exposure)	: May cause drowsiness or dizziness.
Specific target organ toxicity (repeated exposure)	: Not classified Based on available data, the classification criteria are not met
Aspiration hazard	: Not classified Based on available data, the classification criteria are not met
Potential adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	: Avoid release to the environment.
Ecology - water	: Harmful to aquatic life with long lasting effects.

methanol (67-56-1)	
LC50 fishes	15400 mg/l (96 h, LEPOMIS MACROCHIRUS, FLOW-THROUGH SYSTEM)
LC50 other aquatic organisms 1	12000 mg/l (96 h, CRUSTACEA)
EC50 Daphnia	> 10000 mg/l (24 h, DAPHNIA MAGNA)
EC50 other aquatic organisms 1	880 mg/l (24 h, NITROSOMONAS)
LC50 fish 2	10800 mg/l (96 h, SALMO GAIRDNERI/ ONCORHYNCHUS MYKISS)
LC50 other aquatic organisms 2	> 10000 mg/l (24 h, ARTEMIA SALINA)
EC50 Daphnia 2	24500 mg/l (48 h, DAPHNIA MAGNA)
EC50 other aquatic organisms 2	8000 mg/l (72 h, ALGAE)
Threshold limit other aquatic organisms 1	10000 mg/l (48 h, DAPHNIA MAGNA)
Threshold limit other aquatic organisms 2	6600 mg/l (16 h, PSEUDOMONAS PUTIDA)
Threshold limit algae 1	530 mg/l (192 h, MICROCYSTIS AERUGINOSA)
Threshold limit algae 2	8000 mg/l (168 h, SCENEDESMUS QUADRICAUDA)

4,4'-Isopropylidenedicyclohexanol, oligomeric reaction products with 1-chloro-2,3-epoxypropane (30583-72-3)	
LC50 fishes	11,5 mg/l (96h)

12.2. Persistence and degradability

2C Perma Coat (A-comp.)	
Persistence and degradability	May cause long-term adverse effects in the environment.

methanol (67-56-1)	
Biochemical oxygen demand (BOD)	0.6/1.12
Chemical oxygen demand (COD)	1,42 g O ₂ /g substance
ThOD	1,5 g O ₂ /g substance
BOD (% of ThOD)	40/73

12.3. Bioaccumulative potential

2C Perma Coat (A-comp.)	
Bioaccumulative potential	Not established.

methanol (67-56-1)	
BCF fish 1	< 10 (LEUCISCUS IDUS)
Log Pow	-0.82/-0.66

12.4. Mobility in soil

methanol (67-56-1)	
Surface tension	0,023 N/m (20°C)
Ecology - soil	According to literature, easily degradable in the soil.

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects	
	: Avoid release to the environment

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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste)	: Disposal must be done according to official regulations.
Waste disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations.
Additional information	: Handle empty containers with care because residual vapours are flammable.
Ecology - waste materials	: Avoid release to the environment.
European List of Waste (LoW) code	: 08 01 11* - waste paint and varnish containing organic solvents or other dangerous substances 20 01 27* - paint, inks, adhesives and resins containing dangerous substances

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

14.1. UN number

UN-No. (ADR)	: 1263
UN-No. (IMDG)	: 1263
UN-No.(IATA)	: 1263
UN-No.(ADN)	: 1263
UN-No. (RID)	: 1263

14.2. UN proper shipping name

Proper Shipping Name (ADR)	: PAINT
Proper Shipping Name (IMDG)	: Not applicable
Proper Shipping Name (IATA)	: Not applicable
Proper Shipping Name (ADN)	: Not applicable
Proper Shipping Name (RID)	: Not applicable

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR)	: 3
Hazard labels (ADR)	: 3



IMDG

Transport hazard class(es) (IMDG)	: 3
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IATA

Transport hazard class(es) (IATA)	: 3
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ADN

Transport hazard class(es) (ADN)	: 3
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RID

Transport hazard class(es) (RID)	: 3
Danger labels (RID)	: 3



14.4. Packing group

Packing group (ADR)	: III
Packing group (IMDG)	: Not applicable
Packing group (IATA)	: Not applicable
Packing group (ADN)	: Not applicable
Packing group (RID)	: Not applicable

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14.5. Environmental hazards

Dangerous for the environment : No
Marine pollutant : No
Other information : No supplementary information available

14.6. Special precautions for user

Special transport precautions : This product meets the criteria of 2.2.3.1.5 ADR class 3. Quantities <450 liters are not subject to the requirements of ADR.

14.6.1. Overland transport

Classification code (ADR) : F1
Special provision (ADR) : 163, 650, 640E
Limited quantities (ADR) : 5L
Excepted quantities (ADR) : E1
Vehicle for tank carriage : FL
Transport category (ADR) : 3
Hazard identification number (Kemler No.) : 30
Orange plates :



Tunnel restriction code (ADR) : D/E
EAC code : •3YE

14.6.2. Transport by sea

MFAG-No : 127;128

14.6.3. Air transport

14.6.4. Inland waterway transport

Not subjected to ADN : No

14.6.5. Rail transport

Classification code (RID) : F1
Carriage prohibited (RID) : No

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

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

No REACH Annex XVII restrictions
Contains no REACH candidate substance
VOC content : EU limit value for this product (cat. A/j); 500 g/l (2010). This product contains max. 500 g/l VOC.

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

For this substance a chemical safety assessment has not been carried out.

SECTION 16: Other information

Indication of changes:

1.1		Modified	name changed
1.2		Modified	name changed

Data sources : REGULATION (EC) No 1272/2008 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.

Full text of R-, H- and EUH-phrases:

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Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3
Acute Tox. 3 (Inhalation)	Acute toxicity (inhal.), Category 3
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Flam. Liq. 2	Flammable liquids, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
Skin Sens. 1	Sensitisation — Skin, category 1
Skin Sens. 1B	Sensitisation — Skin, category 1B
STOT SE 1	Specific target organ toxicity — single exposure, Category 1
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis
H225	Highly flammable liquid and vapour
H226	Flammable liquid and vapour
H301	Toxic if swallowed
H311	Toxic in contact with skin
H317	May cause an allergic skin reaction
H331	Toxic if inhaled
H336	May cause drowsiness or dizziness
H370	Causes damage to organs
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects
R10	Flammable
R11	Highly flammable
R23/24/25	Toxic by inhalation, in contact with skin and if swallowed
R39/23/24/25	Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed
R43	May cause sensitisation by skin contact
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R66	Repeated exposure may cause skin dryness or cracking
R67	Vapours may cause drowsiness and dizziness
F	Highly flammable
N	Dangerous for the environment
T	Toxic
PC9a	Coatings and paints, thinners, paint removers
PROC10	Roller application or brushing
PROC11	Non industrial spraying
SU22	Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product