

Safety Data Sheet

according to Regulation (EC) No. 1907/2006

(amended by Regulation (EU) No 2020/878)



Trade name : PYROPAINT R

Revision date : 11-06-2018

Print date : 13-01-2025

Version (Revision) : 6.0.0 (5.2.1)

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

1.1 Product identifier

PYROPAINT R

Unique Formula Identifier (UFI) : C7AW-D0UT-800C-694H NPCW-00KJ-F00S-F31M 9GEW-N02V-W005-A88Y

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

Relevant identified uses

PC 9a - Coatings and paints, thinners, paint removers

Sectors of use [SU]

Industrial uses: Uses of substances as such or in preparations at industrial sites

Formulation [mixing] of preparations and/or re-packaging (excluding alloys)

Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

Products Category [PC]

PC 9a - Coatings and paints, thinners, paint removers

Process categories [PROC]

PROC 1 - Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions

PROC 2 - Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions

PROC 3 - Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment condition

PROC 4 - Chemical production where opportunity for exposure arises

PROC 5 - Mixing or blending in batch processes

PROC 7 - Industrial spraying

PROC 8a - Transfer of substance or mixture (charging and discharging) at non-dedicated facilities

PROC 8b - Transfer of substance or mixture (charging and discharging) at dedicated facilities

PROC 9 - Transfer of substance or mixture into small containers (dedicated filling line, including weighing)

PROC 10 - Roller application or brushing

PROC 11 - Non industrial spraying

PROC 13 - Treatment of articles by dipping and pouring

PROC 15 - Use as laboratory reagent

PROC 19 - Manual activities involving hand contact

PROC 21 - Low energy manipulation of substances bound in materials and/or articles

PROC 24 - High (mechanical) energy work-up of substances bound in/on materials and/or articles

PROC 25 - Other hot work operations with metals

Environmental release categories [ERC]

ERC 2 - Formulation into mixture (mixtures)

ERC 4 - Use of non-reactive processing aid at industrial site (no inclusion into or onto article)

ERC 5 - Use at industrial site leading to inclusion into/onto article

ERC 8a - Widespread use of non-reactive processing aid (no inclusion into or onto article, indoor)

ERC 8c - Widespread use leading to inclusion into/onto article (indoor)

ERC 8d - Widespread use of non-reactive processing aid (no inclusion into or onto article, outdoor)

ERC 8f - Widespread use leading to inclusion into/onto article (outdoor)

Article categories [AC]

SEE TECHNICAL DATA SHEET

AC 1 - Vehicles

AC 2 - Machinery, mechanical appliances, electrical/electronic articles

AC 4 - Stone, plaster, cement, glass and ceramic articles

AC 5 - Fabrics, textiles and apparel

AC 6 - Leather articles

AC 7 - Metal articles

AC 8 - Paper articles

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AC 10 - Rubber articles
AC 11 - Wood articles
AC 13 - Plastic articles
http://ec.europa.eu/taxation_customs/dds/

1.3 Details of the supplier of the safety data sheet

Supplier

Professional Paint Company bvba

Street : Havenlaan 8

Postal code/City : 3980 Tessenderlo

Telephone : +32 13 667546

Information contact : Ihsan Ozdemir (T: +32 13667546 E: ehs@plpcoatings.com)

1.4 Emergency telephone number

Ihsan Ozdemir (T: +32 13667546 E: ehs@plpcoatings.com)

+32 13 667546 (bereikbaar tijdens kantooruren: 8.30 uur - 17.00 uur)

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 - Flammable liquids : Category 3 ; Flammable liquid and vapour.

STOT SE 3 ; H336 - STOT-single exposure : Category 3 ; May cause drowsiness or dizziness.

2.2 Label elements

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

Hazard pictograms



Flame (GHS02) · Exclamation mark (GHS07)

Signal word

Warning

Hazard components for labelling

2-METHOXY-1-METHYLETHYL ACETATE ; CAS No. : 108-65-6

Hazard statements

H226 Flammable liquid and vapour.

H336 May cause drowsiness or dizziness.

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233 Keep container tightly closed.

P312 Call a POISON CENTER/doctor/... if you feel unwell.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P403+P235 Store in a well-ventilated place. Keep cool.

P405 Store locked up.

2.3 Other hazards

Adverse human health effects and symptoms

This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria.

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Adverse environmental effects

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous ingredients

2-METHOXY-1-METHYLETHYL ACETATE ; REACH No. : 01-2119475791-29 ; EC No. : 203-603-9; CAS No. : 108-65-6

Weight fraction : $\geq 10 - < 20$ %

Classification 1272/2008 [CLP] : Flam. Liq. 3 ; H226 STOT SE 3 ; H336

BARIUM SULPHATE ; REACH No. : 01-2119491274-35 ; EC No. : 231-784-4; CAS No. : 7727-43-7

Weight fraction : $\geq 10 - < 25$ %

Classification 1272/2008 [CLP] : None

N-BUTYL ACETATE ; REACH No. : 01-2119485493-29 ; EC No. : 204-658-1; CAS No. : 123-86-4

Weight fraction : $\geq 2,5 - < 10$ %

Classification 1272/2008 [CLP] : Flam. Liq. 3 ; H226 STOT SE 3 ; H336 EUH066

XYLENE ; REACH No. : 01-2119488216-32 ; EC No. : 215-535-7; CAS No. : 1330-20-7

Weight fraction : $\geq 2,5 - < 10$ %

Classification 1272/2008 [CLP] : Flam. Liq. 3 ; H226 Acute Tox. 4 ; H312 Acute Tox. 4 ; H332 Skin Irrit. 2 ; H315

HYDROCARBONS, C9, AROMATIC ; REACH No. : 01-2119455851-35 ; EC No. : 918-668-5

Weight fraction : $< 2,5$ %

Classification 1272/2008 [CLP] : Flam. Liq. 3 ; H226 Asp. Tox. 1 ; H304 STOT SE 3 ; H335 STOT SE 3 ; H336 Aquatic Chronic 2 ; H411

METHANOL ; REACH No. : 01-2119433307-44 ; EC No. : 200-659-6; CAS No. : 67-56-1

Weight fraction : $< 2,5$ %

Classification 1272/2008 [CLP] : Flam. Liq. 2 ; H225 Acute Tox. 3 ; H301 Acute Tox. 3 ; H311 Acute Tox. 3 ; H331 STOT SE 1 ; H370

Additional information

For full text of Hazard- and EU Hazard-statements: see SECTION 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Following inhalation

Remove casualty to fresh air and keep warm and at rest. Consult a doctor immediately in the case of inhaling spray mist and show him packing or label.

In case of skin contact

Remove contaminated, saturated clothing immediately. After contact with skin, wash immediately with plenty of water and soap. In case of skin irritation, consult a physician.

After eye contact

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

Following ingestion

Do NOT induce vomiting. Call a physician in any case!

Self-protection of the first aider

First aider: Pay attention to self-protection!

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4.2 Most important symptoms and effects, both acute and delayed

Symptoms

36/37 - Irritating to eyes and respiratory system. 20/21/22 - Harmful by inhalation, in contact with skin and if swallowed. Headache Dizziness Vomiting

4.3 Indication of any immediate medical attention and special treatment needed

None

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Foam Extinguishing powder Carbon dioxide (CO₂)

Unsuitable extinguishing media

Water spray jet

5.2 Special hazards arising from the substance or mixture

Nitrogen oxides (NO_x) Carbon monoxide Burning produces heavy smoke. Hazardous combustion products

5.3 Advice for firefighters

Use water spray jet to protect personnel and to cool endangered containers. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water. Do not inhale explosion and combustion gases.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Remove all sources of ignition. Avoid direct skin contact with product. Identify potential areas for indirect skin contact. Wear gloves (tested to EN374) if hand contact with substance likely. Clean up contamination/spills as soon as they occur. Wash off any skin contamination immediately. Provide basic employee training to prevent/minimise exposures and to report any skin problems that may develop. Use personal protection equipment.

6.2 Environmental precautions

Do not allow to enter into surface water or drains. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities. Do not allow to enter into soil/subsoil.

6.3 Methods and material for containment and cleaning up

Sawdust Take up mechanically, placing in appropriate containers for disposal.

6.4 Reference to other sections

Safe handling: see section 7 Disposal: see section 13 Personal protection equipment: see section 8

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Wear personal protection equipment (refer to section 8). Use only in well-ventilated areas. Take precautionary measures against static discharges. Wear anti-static footwear and clothing Handling Precautions against fire and explosion Vapours are heavier than air, spread along floors and form explosive mixtures with air. This material is combustible and can be ignited by heat, sparks, flames, or other sources of ignition (e.g. static electricity, pilot lights, or mechanical/electrical equipment). P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Protect against direct sunlight. 13 - Keep away from food, drink and animal feedingstuffs. Materials to avoid Strong acid Oxidizing agent Keep only in the original container in a cool, well-ventilated place.

Further information on storage conditions

Storage temperature : 12 months in original, unopened packaging, protected from extreme cold and excessive heat (5°C < t°C < 35°C).

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7.3 Specific end use(s)

None

SECTION 8: Exposure controls/personal protection



8.1 Control parameters

Occupational exposure limit values

2-METHOXY-1-METHYLETHYL ACETATE ; CAS No. : 108-65-6

Limit value type (country of origin) : Exposure Limit (8h) (B)

Limit value : 275 mg/m³ / 50 ppm

Remark : D

Version : 01-01-2007

Limit value type (country of origin) : Exposure Limit (15min) (B)

Limit value : 550 mg/m³ / 100 ppm

Remark : D

Version : 01-01-2007

Limit value type (country of origin) : STEL (EC)

Limit value : 100 ppm / 550 mg/m³

Remark : Skin

Version : 09-03-2022

Limit value type (country of origin) : TWA (EC)

Limit value : 50 ppm / 275 mg/m³

Remark : Skin

Version : 09-03-2022

BARIUM SULPHATE ; CAS No. : 7727-43-7

Limit value type (country of origin) : Exposure Limit (8h) (B)

Limit value : 10 mg/m³

Version : 01-01-2007

N-BUTYL ACETATE ; CAS No. : 123-86-4

Limit value type (country of origin) : Exposure Limit (8h) (B)

Limit value : 723 mg/m³ / 150 ppm

Version : 01-01-2007

Limit value type (country of origin) : Exposure Limit (15min) (B)

Limit value : 964 mg/m³ / 200 ppm

Version : 01-01-2007

Limit value type (country of origin) : STEL (EC)

Limit value : 150 ppm / 723 mg/m³

Version : 09-03-2022

Limit value type (country of origin) : TWA (EC)

Limit value : 50 ppm / 241 mg/m³

Version : 09-03-2022

XYLENE ; CAS No. : 1330-20-7

Limit value type (country of origin) : Exposure Limit (8h) (B)

Limit value : 221 mg/m³ / 50 ppm

Remark : D

Version : 01-01-2007

Limit value type (country of origin) : Exposure Limit (15min) (B)

Limit value : 442 mg/m³ / 100 ppm

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Remark : D
Version : 01-01-2007
Limit value type (country of origin) : STEL (EC)
Limit value : 100 ppm / 442 mg/m³
Remark : H
Version : 08-06-2000
Limit value type (country of origin) : TWA (EC)
Limit value : 50 ppm / 221 mg/m³
Remark : H
Version : 08-06-2000
HYDROCARBONS, C9, AROMATIC
Limit value type (country of origin) : STEL (EC)
Limit value : 19 ppm / 100 mg/m³
Remark : H
Version : 08-06-2000
METHANOL ; CAS No. : 67-56-1
Limit value type (country of origin) : Exposure Limit (8h) (B)
Limit value : 266 mg/m³ / 200 ppm
Remark : D
Version : 01-01-2007
Limit value type (country of origin) : Exposure Limit (15min) (B)
Limit value : 333 mg/m³ / 250 ppm
Remark : D
Version : 01-01-2007
Limit value type (country of origin) : TWA (EC)
Limit value : 200 ppm / 260 mg/m³
Remark : Skin
Version : 09-03-2022
ETHYLBENZENE ; CAS No. : 100-41-4
Limit value type (country of origin) : Exposure Limit (8h) (B)
Limit value : 442 mg/m³ / 100 ppm
Remark : D
Version : 01-01-2007
Limit value type (country of origin) : Exposure Limit (15min) (B)
Limit value : 551 mg/m³ / 125 ppm
Remark : D
Version : 01-01-2007
ETHANOL ; CAS No. : 64-17-5
Limit value type (country of origin) : Exposure Limit (8h) (B)
Limit value : 1907 mg/m³ / 1000 ppm
Version : 01-01-2007
XYLENE ; CAS No. : 1330-20-7
Limit value type (country of origin) : Exposure Limit (8h) (B)
Limit value : 221 mg/m³ / 50 ppm
Remark : D
Version : 01-01-2007
Limit value type (country of origin) : Exposure Limit (15min) (B)
Limit value : 442 mg/m³ / 100 ppm
Remark : D
Version : 01-01-2007

Remark

Y: A risk of reproductive effects needs not to be feared if the occupational exposure limit value (AGW) and the biological limit value (BGW) is kept Z: A risk of reproductive effects cannot to be excluded if the occupational

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exposure limit value (AGW) and the biological limit value (BGW) is kept H: skin resorptive

Biological limit values

Biological limit values

DNEL-/PNEC-values

DNEL/DMEL PNEC

DNEL/DMEL

XYLENE ; CAS No. : 1330-20-7

Limit value type :	DNEL/DMEL (Consumer)
Exposure route :	Inhalation
Exposure frequency :	Short-term
Limit value :	= 174 mg/m ³
Limit value type :	DNEL/DMEL (Consumer)
Exposure route :	Inhalation
Exposure frequency :	Short-term
Limit value :	= 174 mg/m ³
Limit value type :	DNEL/DMEL (Consumer)
Exposure route :	Inhalation
Exposure frequency :	Long-term
Limit value :	= 14,8 mg/m ³
Limit value type :	DNEL/DMEL (Consumer)
Exposure route :	Dermal
Exposure frequency :	Long-term
Limit value :	= 108 mg/kg
Limit value type :	DNEL/DMEL (Consumer)
Exposure route :	Oral
Exposure frequency :	Long-term
Limit value :	= 1,6 mg/kg
Limit value type :	DNEL/DMEL (Industrial)
Exposure route :	Inhalation
Exposure frequency :	Short-term
Limit value :	= 289 mg/m ³
Limit value type :	DNEL/DMEL (Industrial)
Exposure route :	Inhalation
Exposure frequency :	Long-term
Limit value :	= 77 mg/m ³
Limit value type :	DNEL/DMEL (Industrial)
Exposure route :	Dermal
Exposure frequency :	Long-term
Limit value :	= 180 mg/kg
Limit value type :	DNEL/DMEL (Industrial)
Exposure route :	Inhalation
Exposure frequency :	Short-term
Limit value :	= 289 mg/m ³

HYDROCARBONS, C9, AROMATIC

Limit value type :	DNEL/DMEL (Consumer)
Exposure route :	Inhalation
Exposure frequency :	Short-term
Limit value :	= 174 mg/m ³
Limit value type :	DNEL/DMEL (Consumer)
Exposure route :	Inhalation
Exposure frequency :	Short-term
Limit value :	= 174 mg/m ³
Limit value type :	DNEL/DMEL (Consumer)
Exposure route :	Inhalation

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Exposure frequency : Long-term
Limit value : = 14,8 mg/m³
Limit value type : DNEL/DMEL (Consumer)
Exposure route : Dermal
Exposure frequency : Long-term
Limit value : = 108 mg/kg
Limit value type : DNEL/DMEL (Consumer)
Exposure route : Oral
Exposure frequency : Long-term
Limit value : = 1,6 mg/kg
Limit value type : DNEL/DMEL (Industrial)
Exposure route : Inhalation
Exposure frequency : Short-term
Limit value : = 289 mg/m³
Limit value type : DNEL/DMEL (Industrial)
Exposure route : Inhalation
Exposure frequency : Long-term
Limit value : = 77 mg/m³
Limit value type : DNEL/DMEL (Industrial)
Exposure route : Dermal
Exposure frequency : Long-term
Limit value : = 180 mg/kg
Limit value type : DNEL/DMEL (Industrial)
Exposure route : Inhalation
Exposure frequency : Short-term
Limit value : = 289 mg/m³

PNEC

XYLENE ; CAS No. : 1330-20-7

Limit value type : PNEC (Aquatic, freshwater)
Exposure route : Water (Including sewage plant)
Exposure time : Long-term
Limit value : = 0,327 mg/l
Limit value type : PNEC (Sediment, freshwater)
Exposure route : Soil
Exposure time : Long-term
Limit value : = 12,46 mg/kg
Limit value type : PNEC Soil, Freshwater
Exposure route : Soil
Exposure time : Long-term
Limit value : = 2,31 mg/kg
Limit value type : PNEC (Sewage treatment plant)
Exposure route : Water (Including sewage plant)
Exposure time : Long-term
Limit value : = 6,58 mg/l

HYDROCARBONS, C9, AROMATIC

Limit value type : PNEC (Aquatic, freshwater)
Exposure route : Water (Including sewage plant)
Exposure time : Long-term
Limit value : = 0,327 mg/l
Limit value type : PNEC (Sediment, freshwater)
Exposure route : Soil
Exposure time : Long-term
Limit value : = 12,46 mg/kg
Limit value type : PNEC Soil, Freshwater
Exposure route : Soil

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Exposure time : Long-term
Limit value : = 2,31 mg/kg
Limit value type : PNEC (Sewage treatment plant)
Exposure route : Water (Including sewage plant)
Exposure time : Long-term
Limit value : = 6,58 mg/l

8.2 Exposure controls

Personal protection equipment

Eye/face protection

Wear eye glasses with side protection according to EN 166.

Skin protection

Chemical resistant safety shoes Wear anti-static footwear and clothing When handling with chemical substances, protective clothing with CE-labels including the four control digits must be worn.

Hand protection

The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.

Repeated or prolonged exposure:

Glove material: PVA Fluoridated rubber , Glove thickness : (*), Breakthrough time : > 480 min , Comments : EN 374 (*) gehele laagdikte

Upon exposure by splashes:

Glove material: Nitrile , Glove thickness : > 0.45 mm , Breakthrough time : > 30 min , Comments : EN 374 Hand protection

Suitable material : Butyl caoutchouc (butyl rubber)

Respiratory protection

23 - Do not breathe vapour. If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn. Half-face mask or quarter facepiece: maximum use concentration for substances with exposure limits: P1 filter: up to a max. of 4 times the exposure limit. P2 filter: up to a max. of 10 times the exposure limit. P3 filter: up to a max. of 30 times the expo. DIN-/EN-Norms (EN 529) Filtertypes: A and AX (Brown) // Class 1, 2 and 3

General information

13 - Keep away from food, drink and animal feedingstuffs. Remove contaminated, saturated clothing immediately. Precautions for safe handling

Other protection measures

Provide for sufficient ventilation. This can be achieved by local exhaust or general exhaust air collection. Wear a suitable respirator if the ventilation is not sufficient to keep the solvent vapour concentration below the occupational limit values.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Safety characteristics

Physical state :			Liquid	
Flash point :	>		23	°C
Density :	(20 °C)	approx.	1,38	g/cm ³
Flow time :	(20 °C)		s	DIN-cup 4 mm
Relative vapour density (air = 1)	>		1	

9.2 Other information

None

SECTION 10: Stability and reactivity

10.1 Reactivity

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No hazardous reaction when handled and stored according to provisions.

10.2 Chemical stability

The mixture is chemically stable under recommended conditions of storage, use and temperature.

10.3 Possibility of hazardous reactions

No known hazardous reactions.

10.4 Conditions to avoid

Keep away from sources of heat (e.g. hot surfaces), sparks and open flames. Take precautionary measures against static discharges.

10.5 Incompatible materials

Strong acid Oxidizing agent.

10.6 Hazardous decomposition products

The product is stable under storage at normal ambient temperatures.

SECTION 11: Toxicological information

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

Acute toxicity

Acute oral toxicity

Parameter : LD50 (2-METHOXY-1-METHYLETHYL ACETATE ; CAS No. : 108-65-6)

Exposure route : Oral

Species : Rat

Effective dose : 8500 mg/kg

Parameter : LD50 (N-BUTYL ACETATE ; CAS No. : 123-86-4)

Exposure route : Oral

Species : Rat

Effective dose : 14 g/kg

Parameter : LD50 (N-BUTYL ACETATE ; CAS No. : 123-86-4)

Exposure route : Oral

Species : Rabbit

Effective dose : 7,4 g/kg

Parameter : LD50 (XYLENE ; CAS No. : 1330-20-7)

Exposure route : Oral

Species : Rat

Effective dose : 3523 mg/kg

Parameter : LD50 (HYDROCARBONS, C9, AROMATIC)

Exposure route : Oral

Species : Rat

Effective dose : 3523 mg/kg

Parameter : LD50 (METHANOL ; CAS No. : 67-56-1)

Exposure route : Oral

Species : Rat

Effective dose : 5628 mg/kg

Acute dermal toxicity

Parameter : LD50 (XYLENE ; CAS No. : 1330-20-7)

Exposure route : Dermal

Species : Rabbit

Effective dose : 12126 mg/kg

Parameter : LD50 (HYDROCARBONS, C9, AROMATIC)

Exposure route : Dermal

Species : Rabbit

Effective dose : 12126 mg/kg

Parameter : LD50 (METHANOL ; CAS No. : 67-56-1)

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Exposure route : Dermal
Species : Rabbit
Effective dose : 15,8 g/kg

Acute inhalation toxicity

Parameter : LC50 (2-METHOXY-1-METHYLETHYL ACETATE ; CAS No. : 108-65-6)

Exposure route : Inhalation

Species : Rat

Effective dose : 35,7 mg/l

Parameter : LC50 (N-BUTYL ACETATE ; CAS No. : 123-86-4)

Exposure route : Inhalation

Species : Rat

Effective dose : 2000 ppm

Parameter : LC50 (XYLENE ; CAS No. : 1330-20-7)

Exposure route : Inhalation

Species : Rat

Effective dose : 27124 mg/m³

Exposure time : 4 h

Parameter : LC50 (HYDROCARBONS, C9, AROMATIC)

Exposure route : Inhalation

Species : Rat

Effective dose : 27124 mg/m³

Exposure time : 4 h

Parameter : LC50 (METHANOL ; CAS No. : 67-56-1)

Exposure route : Inhalation

Species : Practical experience/human evidence

Effective dose : 64 g/kg

11.2 Information on other hazards

No information available.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity

Acute (short-term) toxicity to algae and cyanobacteria

Parameter : EC50 (XYLENE ; CAS No. : 1330-20-7)

Species : Daphnia magna (Big water flea)

Evaluation parameter : Acute (short-term) toxicity to crustacea

Effective dose : = 1 mg/l

Exposure time : 48 h

Parameter : EC50 (HYDROCARBONS, C9, AROMATIC)

Species : Daphnia magna (Big water flea)

Evaluation parameter : Acute (short-term) toxicity to crustacea

Effective dose : = 1 mg/l

Exposure time : 48 h

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

Parameter : Bioconcentration factor (BCF) (XYLENE ; CAS No. : 1330-20-7)

Bioconcentration factor (BCF)

Bioconcentration factor (BCF)

Value : = 25,9

Parameter : Bioconcentration factor (BCF) (HYDROCARBONS, C9, AROMATIC)

Bioconcentration factor (BCF)

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Value : Bioconcentration factor (BCF)
= 25,9

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6 Endocrine disrupting properties

No information available.

12.7 Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Handle contaminated packages in the same way as the substance itself. Dispose according to legislation.

SECTION 14: Transport information

14.1 UN number or ID number

UN 1263

14.2 UN proper shipping name

Land transport (ADR/RID)

PAINT RELATED MATERIAL

Sea transport (IMDG)

PAINT RELATED MATERIAL

Air transport (ICAO-TI / IATA-DGR)

PAINT RELATED MATERIAL

14.3 Transport hazard class(es)

Land transport (ADR/RID)

Class(es) : 3
Classification code : F1
Hazard identification number (Kemler No.) : 30
Tunnel restriction code : D/E
Special provisions : LQ 5 | · E 1
Hazard label(s) : 3

Sea transport (IMDG)

Class(es) : 3
EmS-No. : F-E / S-E
Special provisions : LQ 5 | · E 1
Hazard label(s) : 3

Air transport (ICAO-TI / IATA-DGR)

Class(es) : 3
Special provisions : E 1
Hazard label(s) : 3

14.4 Packing group

III

14.5 Environmental hazards

Land transport (ADR/RID) : No

Sea transport (IMDG) : No

Air transport (ICAO-TI / IATA-DGR) : No

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14.6 Special precautions for user

None

14.7 Maritime transport in bulk according to IMO instruments

not applicable

SECTION 15: Regulatory information

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

EU legislation

Authorisations and/or restrictions on use

Restrictions on use

Regulation (EC) No. 1907/2006 (REACH), Annex XVII (restrictions)

Use restriction according to REACH annex XVII, no. : 3, 40, 69, 75

National regulations

RD NANO SUBSTANCES (22/12/2017): This paint contains substances produced in nanoparticulate state. Nano register number: BE-001210

Other regulations, restrictions and prohibition regulations

VOC-Regulation

VOC-value : < 545 g/l according to 31. BImSchV

15.2 Chemical Safety Assessment

No information available.

SECTION 16: Other information

16.1 Indication of changes

02. Classification of the substance or mixture · 02. Label elements · 02. Labelling according to Regulation (EC) No. 1272/2008 [CLP] · 02. Labelling according to Regulation (EC) No. 1272/2008 [CLP] - Hazard components for labelling · 03. Hazardous ingredients · 08. Occupational exposure limit values · 08. Suitable material · 15. Restrictions on use

16.2 Abbreviations and acronyms

None

16.3 Key literature references and sources for data

None

16.4 Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

No information available.

16.5 Relevant H- and EUH-phrases (Number and full text)

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H301	Toxic if swallowed.
H304	May be fatal if swallowed and enters airways.
H311	Toxic in contact with skin.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H370	Causes damage to organs.
H411	Toxic to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.

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16.6 Training advice

None

16.7 Additional information

None

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.
