

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 08.06.2021

V- 3.0 (replaces version 2.0)

Revision: 07.06.2021

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier****Trade name:** CLEAR COAT VOC/P HARDENER**1.2 Relevant identified uses of the substance or mixture and uses advised against**Identified uses: professional use.
Uses advised against: do-it-yourself**Application of the substance / the mixture**

Hardening agent/ Curing agent

1.3 Details of the supplier of the safety data sheet**Manufacturer/Supplier:**ETALON is a brand of Alexport Company.
Pontou 26, P.C. 546 28, Thessaloniki, Greece,
Tel: +30 2310 501814, Fax: +30 2310 524 771
info@alexport.gr, www.alexport.gr
www.etalon-refinish.com**Further information obtainable from:****1.4 Emergency telephone number:**

122 or call your local doctor/poison center

SECTION 2: Hazards identification**2.1 Classification of the substance or mixture****Classification according to Regulation (EC) No 1272/2008**

GHS02

Flam. Liq. 3 H226 Flammable liquid and vapour.



GHS07

Acute Tox. 4 H332 Harmful if inhaled.
Skin Sens. 1 H317 May cause an allergic skin reaction.
STOT SE 3 H335-H336 May cause respiratory irritation. May cause drowsiness or dizziness.**2.2 Label elements****Labelling according to****Regulation (EC) No 1272/2008**

The product is classified and labelled according to the CLP regulation.

Hazard pictograms

GHS02 GHS07

Signal word

Warning

Hazard-determining components of labelling:hexamethylene diisocyanate homopolymer
heptan-2-one
n-butyl acetate
hexamethylene-di-isocyanate

(Contd. on page 2)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 08.06.2021

V- 3.0 (replaces version 2.0)

Revision: 07.06.2021

Trade name: CLEAR COAT VOC/P HARDENER

(Contd. of page 1)

| | | |
|---------------------------------|-----------|--|
| Hazard statements | H226 | Flammable liquid and vapour. |
| | H332 | Harmful if inhaled. |
| | H317 | May cause an allergic skin reaction. |
| | H335-H336 | May cause respiratory irritation. May cause drowsiness or dizziness. |
| Precautionary statements | P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| | P261 | Avoid breathing mist/vapours/spray. |
| | P271 | Use only outdoors or in a well-ventilated area. |
| | P280 | Wear protective gloves. |
| | P333+P313 | If skin irritation or rash occurs: Get medical advice/attention. |
| | P501 | Dispose of contents/container in accordance with local/regional/national/international regulations. |
| Additional information: | EUH066 | Repeated exposure may cause skin dryness or cracking. Contains isocyanates. May produce an allergic reaction. |

2.3 Other hazards**Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.

* SECTION 3: Composition/information on ingredients

3.2 Mixtures**Description:** Mixture of substances listed below with nonhazardous additions.**Dangerous components:**

| | | |
|---------------------------|---|---------|
| CAS: 28182-81-2 | hexamethylene diisocyanate homopolymer | 50-100% |
| NLP: 500-060-2 | ⚠ Acute Tox. 4, H332; Skin Sens. 1, H317; STOT SE 3, H335 | |
| Reg.nr.: 01-2119488934-20 | | |
| 01-2119485796-17 | | |
| CAS: 123-86-4 | n-butyl acetate | 10-<25% |
| EINECS: 204-658-1 | ⚠ Flam. Liq. 3, H226; ⚠ STOT SE 3, H336, EUH066 | |
| Reg.nr.: 01-2119485493-29 | | |
| CAS: 110-43-0 | heptan-2-one | 15-25% |
| EINECS: 203-767-1 | ⚠ Flam. Liq. 3, H226; ⚠ Acute Tox. 4, H302; Acute Tox. 4, H332; STOT SE 3, H336 | |
| Reg.nr.: 01-2119902391-49 | | |
| CAS: 822-06-0 | hexamethylene-di-isocyanate | <0.1% |
| EINECS: 212-485-8 | ⚠ Acute Tox. 1, H330; ⚠ Resp. Sens. 1, H334; ⚠ Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; STOT SE 3, H335, EUH204 | |
| Reg.nr.: 01-2119457571-37 | Specific concentration limits: Resp. Sens. 1; H334: C ≥ 0.5 % Skin Sens. 1; H317: C ≥ 0.5 % | |

Additional information: For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures**General information:** Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

(Contd. on page 3)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 08.06.2021

V- 3.0 (replaces version 2.0)

Revision: 07.06.2021

Trade name: CLEAR COAT VOC/P HARDENER

(Contd. of page 2)

| | |
|---|--|
| After inhalation: | Immediately remove any clothing soiled by the product. In case of irregular breathing or respiratory arrest provide artificial respiration. Take affected persons out of danger area and lay down. Supply fresh air and to be sure call for a doctor. |
| After skin contact: | In case of unconsciousness place patient stably in side position for transportation. Immediately wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor. |
| After eye contact: | Rinse opened eye for several minutes under running water. |
| After swallowing: | Do not induce vomiting; call for medical help immediately. |
| 4.2 Most important symptoms and effects, both acute and delayed | No further relevant information available. |
| 4.3 Indication of any immediate medical attention and special treatment needed | No further relevant information available. |

SECTION 5: Firefighting measures**5.1 Extinguishing media**

Suitable extinguishing agents: CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

For safety reasons unsuitable extinguishing agents:

Water with full jet

5.2 Special hazards arising from the substance or mixture

Can form explosive gas-air mixtures.
Formation of toxic gases is possible during heating or in case of fire.
Hydrogen cyanide (HCN)
Isocyanate vapors.
Carbon monoxide and carbon dioxide

5.3 Advice for firefighters**Protective equipment:**

Wear self-contained respiratory protective device.
Do not inhale explosion gases or combustion gases.

Additional information

Cool endangered receptacles with water spray.
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.
Collect contaminated fire fighting water separately. It must not enter the sewage system.

SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Keep unprotected persons away.
Ensure adequate ventilation
Keep away from ignition sources.

6.2 Environmental precautions:

Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Do not flush with water or aqueous cleansing agents.
Dispose of the material collected according to regulations.

6.4 Reference to other sections

See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.

(Contd. on page 4)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 08.06.2021

V- 3.0 (replaces version 2.0)

Revision: 07.06.2021

Trade name: CLEAR COAT VOC/P HARDENER

(Contd. of page 3)

See Section 13 for disposal information.

SECTION 7: Handling and storage**7.1 Precautions for safe handling**

Ensure good ventilation/exhaustion at the workplace.
Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air).
Do not inhale gases / fumes / aerosols.
Do not eat, drink, smoke or sniff while working.
Do not allow to enter sewers/ surface or ground water.

Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke.
Fumes can combine with air to form an explosive mixture.

7.2 Conditions for safe storage, including any incompatibilities**Storage:**

Requirements to be met by storerooms and receptacles: Store only in the original receptacle.

Information about storage in one common storage facility: Store away from foodstuffs.
Store away from oxidising agents.

Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles.
Store receptacle in a well ventilated area.

7.3 Specific end use(s)

No further relevant information available.

*** SECTION 8: Exposure controls/personal protection****8.1 Control parameters****Ingredients with limit values that require monitoring at the workplace:****123-86-4 n-butyl acetate**

WEL (Great Britain) Short-term value: 966 mg/m³, 200 ppm
Long-term value: 724 mg/m³, 150 ppm

IOELV (EU) Short-term value: 723 mg/m³, 150 ppm
Long-term value: 241 mg/m³, 50 ppm

110-43-0 heptan-2-one

WEL (Great Britain) Short-term value: 475 mg/m³, 100 ppm
Long-term value: 237 mg/m³, 50 ppm
Sk

IOELV (EU) Short-term value: 475 mg/m³, 100 ppm
Long-term value: 238 mg/m³, 50 ppm
Skin

822-06-0 hexamethylene-di-isocyanate

WEL (Great Britain) Short-term value: 0.07 mg/m³
Long-term value: 0.02 mg/m³
Sen; as -NCO

Regulatory information WEL (Great Britain): EH40/2020
IOELV (EU): (EU) 2019/1831

(Contd. on page 5)

— EN —

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 08.06.2021

V- 3.0 (replaces version 2.0)

Revision: 07.06.2021

Trade name: CLEAR COAT VOC/P HARDENER

(Contd. of page 4)

DNELs**28182-81-2 hexamethylene diisocyanate homopolymer**

Inhalative DNEL 1 mg/m³ (acute - local effects, workers)
0.5 mg/m³ (long-term - local effects, workers)

123-86-4 n-butyl acetate

Dermal DNEL 7 mg/kg bw/day (long-term - systemic effects, workers)
Inhalative DNEL 960 mg/m³ (acute - systemic effects, workers)
960 mg/m³ (acute - local effects, workers)
480 mg/m³ (long-term - systemic effects, workers)
480 mg/m³ (long-term - local effects, workers)

110-43-0 heptan-2-one

Dermal DNEL 54.27 mg/kg bw/day (long-term - systemic effects, workers)
Inhalative DNEL 1,516 mg/m³ (acute - systemic effects, workers)
394.25 mg/m³ (long-term - systemic effects, workers)

822-06-0 hexamethylene-di-isocyanate

Inhalative DNEL 0.07 mg/m³ (acute - systemic effects, workers)
0.07 mg/m³ (acute - local effects, workers)
0.035 mg/m³ (long-term - systemic effects, workers)
0.035 mg/m³ (long-term - local effects, workers)

PNECs**28182-81-2 hexamethylene diisocyanate homopolymer**

PNEC 0.127 mg/l (freshwater environment)
0.0127 mg/l (marine environment)
1.27 mg/l (intermittent releases)
38.3 mg/l (sewage treatment plants)
PNEC 266,700 mg/kg (freshwater sediment environment)
26,670 mg/kg (marine sediment environment)
53,182 mg/kg (soil)

123-86-4 n-butyl acetate

PNEC 0.18 mg/l (freshwater environment)
0.018 mg/l (marine environment)
0.36 mg/l (intermittent releases)
35.6 mg/l (sewage treatment plants)
PNEC 0.981 mg/kg (freshwater sediment environment)

110-43-0 heptan-2-one

PNEC 0.0982 mg/l (freshwater environment)
0.00982 mg/l (marine environment)
0.982 mg/l (intermittent releases)
12.5 mg/l (sewage treatment plants)
PNEC 1.89 mg/kg (freshwater sediment environment)

(Contd. on page 6)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 08.06.2021

V- 3.0 (replaces version 2.0)

Revision: 07.06.2021

Trade name: CLEAR COAT VOC/P HARDENER

(Contd. of page 5)

0.189 mg/kg (marine sediment environment)

0.321 mg/kg (soil)

822-06-0 hexamethylene-di-isocyanate

PNEC 0.0774 mg/l (freshwater environment)

0.00774 mg/l (marine environment)

0.774 mg/l (intermittent releases)

8.42 mg/l (sewage treatment plants)

PNEC 0.01334 mg/kg (freshwater sediment environment)

0.001344 mg/kg (marine sediment environment)

0.0026 mg/kg (soil)

Ingredients with biological limit values:**822-06-0 hexamethylene-di-isocyanate**

BMGV (Great Britain) 1 µmol creatinine/mol

Medium: urine

Sampling time: At the end of the period of exposure

Parameter: isocyanate-derived diamine

Regulatory information BMGV (Great Britain): EH40/2011**Additional information:** The lists valid during the making were used as basis.**8.2 Exposure controls****Appropriate engineering controls**

No further data; see item 7.

Individual protection measures, such as personal protective equipment**General protective and hygienic measures:**

Ensure good ventilation/exhaustion at the workplace.

Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air).

Keep ignition sources away - Do not smoke.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Do not inhale gases / fumes / aerosols.

Avoid contact with the eyes and skin.

Do not eat or drink while working.

Respiratory protection: In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Filter A2/P2

Hand protection

Protective gloves

Check the permeability prior to each renewed use of the glove.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation (EN 374).

Material of gloves

Butyl rubber, BR

Nitrile rubber, NBR

PVA gloves

Recommended thickness of the material: ≥ 0,7 mm

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

(Contd. on page 7)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 08.06.2021

V- 3.0 (replaces version 2.0)

Revision: 07.06.2021

Trade name: CLEAR COAT VOC/P HARDENER

(Contd. of page 6)

Penetration time of glove material

Value for the permeation: Level 6 \geq 480 min.
 The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye/face protection

Tightly sealed goggles

Body protection:

Protective work clothing

* SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties**General Information**

| | |
|---|-----------------------------|
| Physical state | Fluid |
| Colour: | Colourless/ slightly yellow |
| Odour: | Characteristic |
| Odour threshold: | Not determined. |
| Melting point/freezing point: | Undetermined. |
| Boiling point or initial boiling point and boiling range | 124 °C |
| Flammability | Not applicable. |
| Lower and upper explosion limit | |
| Lower: | 1.2 Vol % |
| Upper: | 15 Vol % |
| Flash point: | 27 °C |
| Auto-ignition temperature: | Not determined. |
| Decomposition temperature: | Not determined. |
| pH | Not applicable. |
| Viscosity: | |
| Kinematic viscosity | Not determined. |
| Dynamic: | Not determined. |
| Solubility | |
| water: | Reacts with water. |
| Partition coefficient n-octanol/water (log value) | Not determined. |
| Vapour pressure at 20 °C: | 10.7 hPa |
| Density and/or relative density | |
| Density at 20 °C: | 1-1.05 g/cm ³ |
| Vapour density | Not determined. |

9.2 Other information**Appearance:****Form:** Fluid**Important information on protection of health and environment, and on safety.****Explosive properties:** Product is not explosive. However, formation of explosive air/vapour mixtures are possible.**Change in condition****Evaporation rate** Not determined.**Information with regard to physical hazard classes**

| | |
|--|------------------------------|
| Explosives | Void |
| Flammable gases | Void |
| Aerosols | Void |
| Oxidising gases | Void |
| Gases under pressure | Void |
| Flammable liquids | Flammable liquid and vapour. |
| Flammable solids | Void |
| Self-reactive substances and mixtures | Void |

(Contd. on page 8)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 08.06.2021

V- 3.0 (replaces version 2.0)

Revision: 07.06.2021

Trade name: CLEAR COAT VOC/P HARDENER

(Contd. of page 7)

| | |
|--|------|
| Pyrophoric liquids | Void |
| Pyrophoric solids | Void |
| Self-heating substances and mixtures | Void |
| Substances and mixtures, which emit flammable gases in contact with water | Void |
| Oxidising liquids | Void |
| Oxidising solids | Void |
| Organic peroxides | Void |
| Corrosive to metals | Void |
| Desensitised explosives | Void |

SECTION 10: Stability and reactivity

| | |
|--|--|
| 10.1 Reactivity | No decomposition if used according to specifications. |
| 10.2 Chemical stability | No decomposition if used and stored according to specifications. |
| 10.3 Possibility of hazardous reactions | <p>Reacts with water.</p> <p>Reacts with alkali, amines and strong acids.</p> <p>Reacts with oxidising agents.</p> <p>Fumes can combine with air to form an explosive mixture.</p> |
| 10.4 Conditions to avoid | Protect from heat and direct sunlight. |
| 10.5 Incompatible materials: | No further relevant information available. |
| 10.6 Hazardous decomposition products: | <p>Carbon monoxide and carbon dioxide</p> <p>Formation of toxic gases is possible during heating or in case of fire.</p> |

* SECTION 11: Toxicological information

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

Acute toxicity Harmful if inhaled.

LD/LC50 values relevant for classification:

28182-81-2 hexamethylene diisocyanate homopolymer

| | | |
|----------------|------|-----------------------|
| Oral | LD50 | >2,500 mg/kg (rat) |
| Dermal | LD50 | >2,000 mg/kg (rat) |
| Inhalative ATE | | 1.5 mg/l (dust/ mist) |

123-86-4 n-butyl acetate

| | | |
|---------------------|------|------------------------|
| Oral | LD50 | 10,760 mg/kg (rat) |
| Dermal | LD50 | >14,000 mg/kg (rabbit) |
| Inhalative LC50/4 h | | 23.4 mg/l (rat) |

110-43-0 heptan-2-one

| | | |
|----------------|------|-----------------------|
| Oral | LD50 | 1,600 mg/kg (rat) |
| Dermal | LD50 | >2,000 mg/kg (rat) |
| Inhalative ATE | | 1.5 mg/l (dust/ mist) |

822-06-0 hexamethylene-di-isocyanate

| | | |
|--------|------|--------------------|
| Oral | LD50 | 746 mg/kg (rat) |
| Dermal | LD50 | >7,000 mg/kg (rat) |

(Contd. on page 9)

— EN —

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 08.06.2021

V- 3.0 (replaces version 2.0)

Revision: 07.06.2021

Trade name: CLEAR COAT VOC/P HARDENER

(Contd. of page 8)

Inhalative ATE 0.005 mg/l (dust/ mist)

Primary irritant effect:

| | |
|--|--|
| Skin corrosion/irritation | Based on available data, the classification criteria are not met. |
| Serious eye damage/irritation | Based on available data, the classification criteria are not met. |
| Respiratory or skin sensitisation | May cause an allergic skin reaction. |
| Germ cell mutagenicity | Based on available data, the classification criteria are not met. |
| Carcinogenicity | Based on available data, the classification criteria are not met. |
| Reproductive toxicity | Based on available data, the classification criteria are not met. |
| STOT-single exposure | May cause respiratory irritation. May cause drowsiness or dizziness. |
| STOT-repeated exposure | Based on available data, the classification criteria are not met. |
| Aspiration hazard | Based on available data, the classification criteria are not met. |

11.2 Information on other hazards**Endocrine disrupting properties**

None of the ingredients is listed.

* **SECTION 12: Ecological information****12.1 Toxicity****Aquatic toxicity:****123-86-4 n-butyl acetate**LC50/96 h 18 mg/l (*Pimephales promelas*)TT/16 h 115 mg/l (*Pseudomonas putida*)EC50/48 h 44 mg/l (*daphnia*)EC50/72 h 675 mg/l (*algae*)**110-43-0 heptan-2-one**LC50/96 h 131 mg/l (*Pimephales promelas*)EC50/72 h 98.2 mg/l (*Pseudokirchnerella subcapitata*)**822-06-0 hexamethylene-di-isocyanate**EC50/3 h 842 mg/l (*microorganisms*)ECO/48 h ≥89.1 mg/l (*Daphnia magna*)LCO/96 h ≥82.8 mg/l (*fish*)EC50/72 h >77.4 mg/l (*Desmodesmus subspicatus*)**12.2 Persistence and degradability****28182-81-2 hexamethylene diisocyanate homopolymer**

Biodegradation 1 % (not readily biodegradable) (OECD 301 C, 28 d, aerobic)

123-86-4 n-butyl acetate

Biodegradation 83 % (readily biodegradable) (OECD 301 D, 28 d, aerobic)

110-43-0 heptan-2-one

Biodegradation 69 % (readily biodegradable) (OECD 310, 28 d, aerobic)

(Contd. on page 10)

— EN —

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 08.06.2021

V- 3.0 (replaces version 2.0)

Revision: 07.06.2021

Trade name: CLEAR COAT VOC/P HARDENER

(Contd. of page 9)

822-06-0 hexamethylene-di-isocyanate

Biodegradation 42 % (not readily biodegradable) (OECD 301 F, 28 d, aerobic)

12.3 Bioaccumulative potential**28182-81-2 hexamethylene diisocyanate homopolymer**

BCF 3.2 (-)

log Kow 9.81 (Kow)

123-86-4 n-butyl acetate

BCF 15.3 (-)

log Pow 2.3

822-06-0 hexamethylene-di-isocyanate

BCF 57.63 (-)

log Kow 3.2

12.4 Mobility in soil**123-86-4 n-butyl acetate**

log Koc 1.27

822-06-0 hexamethylene-di-isocyanate

log Koc 0.679

12.5 Results of PBT and vPvB assessment**PBT:** Not applicable.**vPvB:** Not applicable.**12.6 Endocrine disrupting properties**

The product does not contain substances with endocrine disrupting properties.

12.7 Other adverse effects**Additional ecological information:****General notes:** Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.**SECTION 13: Disposal considerations****13.1 Waste treatment methods****Recommendation** Must not be disposed together with household garbage. Do not allow product to reach sewage system.**European waste catalogue**

08 01 11* waste paint and varnish containing organic solvents or other hazardous substances

Uncleaned packaging:**Recommendation:** Disposal must be made according to official regulations.*** SECTION 14: Transport information****14.1 UN number or ID number****ADR, IMDG, IATA**

UN1263

14.2 UN proper shipping name**ADR**

1263 PAINT RELATED MATERIAL

(Contd. on page 11)

— EN —

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 08.06.2021

V- 3.0 (replaces version 2.0)

Revision: 07.06.2021

Trade name: CLEAR COAT VOC/P HARDENER

(Contd. of page 10)

IMDG, IATA

PAINT RELATED MATERIAL

14.3 Transport hazard class(es)**ADR, IMDG, IATA****Class**

3

Label

3

14.4 Packing group**ADR, IMDG, IATA**

III

14.5 Environmental hazards:

Not applicable.

Marine pollutant (IMDG):

No

14.6 Special precautions for user

Warning: Flammable liquids.

Hazard identification number (Kemler code):

30

EMS Number:F-E,S-E**Stowage Category**

A

14.7 Maritime transport in bulk according to IMO instruments

Not applicable.

Transport/Additional information:**ADR****Limited quantities (LQ)**

5L

Transport category

3

Tunnel restriction code

D/E

IMDG**Limited quantities (LQ)**

5L

UN "Model Regulation":

UN 1263 PAINT RELATED MATERIAL, 3, III

* SECTION 15: Regulatory information

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

Directive 2012/18/EU**Named dangerous substances - ANNEX I**

None of the ingredients is listed.

Seveso category

P5c FLAMMABLE LIQUIDS

Qualifying quantity (tonnes) for the application of lower-tier requirements

5,000 t

Qualifying quantity (tonnes) for the application of upper-tier requirements

50,000 t

REGULATION (EC) No 1907/2006**ANNEX XVII**

Conditions of restriction: 3, 74

(Contd. on page 12)

— EN —

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 08.06.2021

V- 3.0 (replaces version 2.0)

Revision: 07.06.2021

Trade name: CLEAR COAT VOC/P HARDENER

(Contd. of page 11)

DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II

None of the ingredients is listed.

REGULATION (EU) 2019/1148

Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))

None of the ingredients is listed.

Annex II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients is listed.

National regulations:

Information about limitation of use:

Employment restrictions concerning juveniles must be observed.

Employment restrictions concerning pregnant and lactating women must be observed.

15.2 Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases

H226 Flammable liquid and vapour.
H302 Harmful if swallowed.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H330 Fatal if inhaled.
H332 Harmful if inhaled.
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
EUH066 Repeated exposure may cause skin dryness or cracking.
EUH204 Contains isocyanates. May produce an allergic reaction.

Classification according to Regulation (EC) No 1272/2008

Flammable liquids

Bridging principles

Acute toxicity - inhalation

Skin sensitisation

Specific target organ toxicity (single exposure)

The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

Version number of previous

version:

2.0

Abbreviations and acronyms:

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)

(Contd. on page 13)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 08.06.2021

V- 3.0 (replaces version 2.0)

Revision: 07.06.2021

Trade name: CLEAR COAT VOC/P HARDENER

(Contd. of page 12)

DNEL: Derived No-Effect Level (REACH)
PNEC: Predicted No-Effect Concentration (REACH)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Flam. Liq. 3: Flammable liquids – Category 3
Acute Tox. 1: Acute toxicity – Category 1
Acute Tox. 4: Acute toxicity – Category 4
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
Resp. Sens. 1: Sensitisation - Respiratory. Hazard category 1
Skin Sens. 1: Sensitisation - Skin. Hazard Category 1
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

Sources

European Chemicals Agency, <http://echa.europa.eu/>

*** Data compared to the previous version altered.**