

# SAFETY DATA SHEET

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

### 1.1. Product identifier

**Trade name**

303 K2 - Clear coat, aerosol

**Product no.**

00.303K2

**REACH registration number**

Not applicable

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

**Relevant identified uses of the substance or mixture**

Refinishing clear coat, 2 component

**Uses advised against**

-

The full text of any mentioned and identified use categories are given in section 16

### 1.3. Details of the supplier of the safety data sheet

**Company and address**

HBC Systems A/S  
Hobrovej 961-963  
9530 Støvring  
Denmark  
tel:+45 70 22 70 70

**Contact person**

Vibeke Jørgensen

**E-mail**

info@hbc-system.com

**SDS date**

2019-04-05

**SDS Version**

1000.0

### 1.4. Emergency telephone number

Contact The National Poisons Information Service (dial 111, 24 h service). See section 4 "First aid measures".

## SECTION 2: Hazards identification

### ▼ 2.1. Classification of the substance or mixture

Aerosol 1; H222, H229

Flam. Liq. 1; H224

Skin Sens. 1; H317

Eye Irrit. 2; H319

STOT SE 3; H336

See full text of H-phrases in section 2.2.

### 2.2. Label elements

▼ **Hazard pictogram(s)**



▼ **Signal word**

Danger

#### ▼ Hazard statement(s)

Extremely flammable aerosol. (H222)  
 Extremely flammable liquid and vapour. (H224)  
 Pressurised container: May burst if heated. (H229)  
 May cause an allergic skin reaction. (H317)  
 Causes serious eye irritation. (H319)  
 May cause drowsiness or dizziness. (H336)

#### ▼ Safety statement(s)

**General** -  
**Prevention** Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. (P210).  
 Do not pierce or burn, even after use. (P251).  
**Response** If skin irritation or rash occurs: Get medical advice/attention. (P333+P313).  
 In case of fire: Use alcohol-resistant foam/carbolic acid/powder/water mist/carbon dioxide/dry sand to extinguish. (P370+P378).  
**Storage** Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F. (P410+P412).  
**Disposal** Dispose of contents/container to an approved waste disposal plant. (P501).

#### ▼ Identity of the substances primarily responsible for the major health hazards

acetone propan-2-one propanone , Poly Hexamethylene Diisocyanate

#### ▼ 2.3. Other hazards

This product contains an organic solvent. Repeated or prolonged exposure to organic solvents may result in adverse effects to the nervous system and internal organs such as liver and kidneys.

#### ▼ Additional labelling

Contains isocyanates. May produce an allergic reaction. (EUH204)  
 Repeated exposure may cause skin dryness or cracking. (EUH066)

#### ▼ Additional warnings

Not applicable

#### ▼ VOC

VOC-MAX: 665 g/l, MAXIMUM VOC CONTENT (B/e): 840 g/l.

## SECTION 3: Composition/information on ingredients

### ▼ 3.1/3.2. Substances/Mixtures

NAME:	dimethyl ether
IDENTIFICATION NOS.:	CAS-no: 115-10-6 EC-no: 204-065-8 Index-no: 603-019-00-8
CONTENT:	50-100%
CLP CLASSIFICATION:	Comp. Gas, Flam. Gas 1 H220, H280
NOTE:	SL
NAME:	acetone propan-2-one propanone
IDENTIFICATION NOS.:	CAS-no: 67-64-1 EC-no: 200-662-2 REACH-no: 01-2119471330-49 Index-no: 606-001-00-8
CONTENT:	25-50%
CLP CLASSIFICATION:	Flam. Liq. 2, STOT SE 3, Eye Irrit. 2 H225, H319, H336, EUH066
NOTE:	SL
NAME:	n-butyl acetate
IDENTIFICATION NOS.:	CAS-no: 123-86-4 EC-no: 204-658-1 REACH-no: 01-2119485493-29 Index-no: 607-025-00-1
CONTENT:	<5%
CLP CLASSIFICATION:	Flam. Liq. 3, STOT SE 3 H226, H336, EUH066
NOTE:	S
NAME:	Poly Hexamethylene Diisocyanate
IDENTIFICATION NOS.:	CAS-no: 28182-81-2 EC-no: 927-271-6 REACH-no: 01-2119485796-17
CONTENT:	<5%
CLP CLASSIFICATION:	Acute Tox. 4, STOT SE 3, Eye Irrit. 2, Skin Sens. 1 H317, H319, H332, H335
NOTE:	P
NAME:	Solvent naphtha (petroleum), light arom. Low boiling point naphtha - unspecified [A complex combi
IDENTIFICATION NOS.:	CAS-no: 64742-95-6 EC-no: 265-199-0 Index-no: 649-356-00-4

CONTENT:	<2,5%
CLP CLASSIFICATION:	Flam. Liq. 3, STOT SE 3, Skin Irrit. 2, Asp. Tox. 1, Aquatic Chronic 2 H226, H304, H315, H335, H336, H411

(\*) See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.  
S = Organic solvent P = Prepolymer isocyanate L = European occupational exposure limit.

### Other information

ATEmix(inhale, vapour) > 20  
 ATEmix(inhale, dust/mist) > 5  
 ATEmix(inhale, gas) > 20000  
 ATEmix(dermal) > 2000  
 ATEmix(oral) > 2000  
 Eye Cat. 2 Sum = Sum(Ci/S(G)CLi) = 2,34 - 3,51  
 Skin Cat. 2 Sum = Sum(Ci/S(G)CLi) = 0,1248 - 0,1872  
 N chronic (CAT 4) Sum = Sum(Ci/(M(chronic)<sup>i</sup>\*25)\*0.1\*10<sup>^</sup>CAT4) = 0,04992 - 0,07488

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### ▼ General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. The doctor can contact The National Poisons Information Service (dial 111, 24 h service). Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

#### ▼ Inhalation

Bring the person into fresh air and stay with him/her.

#### ▼ Skin contact

Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with soap and water. Skin cleanser can be used. DO NOT use solvents or thinners.

#### ▼ Eye contact

Remove contact lenses. Flush eyes with plenty of water or salt water (20-30°C) for at least 15 minutes and continue until irritation stops. Make sure you flush under the upper and lower eyelids. Seek medical assistance immediately and continue flushing.

#### ▼ Ingestion

Provide plenty of water for the person to drink and stay with him/her. In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the victim lean forward with head down to avoid inhalation of- or choking on vomited material.

#### Burns

Rinse with water until the pain stops then continue to rinse for a further 30 minutes.

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

Neurotoxic effects: This product contains organic solvents, which may cause adverse effects to the nervous system. Symptoms of neurotoxicity include: loss of appetite, headache, dizziness, ringing in ears, tingling sensations of skin, sensitivity to the cold, cramps, difficulty in concentrating, tiredness, etc. Repeated exposure to solvents can result in the breaking down of the skin's natural fat layer and may result in an increased absorption potential of other hazardous substances at the area of exposure.

Sensitisation: This product contains substances, which may trigger allergic reaction upon dermal contact. Manifestation of allergic reactions typically takes place within 12-72 hours after exposure.

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

### ▼ 4.3. Indication of any immediate medical attention and special treatment needed

If skin irritation or rash occurs: Get medical advice/attention.

#### Information to medics

Bring this safety data sheet.

## SECTION 5: Firefighting measures

### ▼ 5.1. Extinguishing media

Recommended: alcohol-resistant foam, carbonic acid, powder, water mist. Waterjets should not be used, since they can spread the fire.

### ▼ 5.2. Special hazards arising from the substance or mixture

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous catabolic substances are produced. These are: Carbon oxides. Fire will result in dense black smoke. Exposure to combustion products may harm your health. Fire fighters should wear appropriate protection equipment. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

### ▼ 5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

## SECTION 6: Accidental release measures

### ▼ 6.1. Personal precautions, protective equipment and emergency procedures

Avoid inhalation of vapours from spilled material. Storages not yet ignited must be cooled by water mist. Remove flammable materials if conditions allow it. Ensure sufficient ventilation.

### ▼ 6.2. Environmental precautions

No specific requirements.

### ▼ 6.3. Methods and material for containment and cleaning up

Use sand, sawdust, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations. To the extent possible cleaning is performed with normal cleaning agents. Avoid use of solvents.

### ▼ 6.4. Reference to other sections

See section on "Disposal considerations" in regard of handling of waste. See section on 'Exposure controls/personal protection' for protective measures.

## SECTION 7: Handling and storage

### ▼ 7.1. Precautions for safe handling

Avoid static electricity.

Smoking, storage of tobacco, consumption and storage of food or liquids are not allowed in the workrooms. See section on 'Exposure controls/personal protection' for information on personal protection.

### ▼ 7.2. Conditions for safe storage, including any incompatibilities

Always store in containers of the same material as the original container. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Must be stored in a cool and well-ventilated area, away from possible sources of ignition.

#### ▼ Storage temperature

No data available.

### ▼ 7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### ▼ OEL

Solvent naphtha (petroleum), light arom. Low boiling point..

Long-term exposure limit (8-hour TWA reference period): - ppm | 5 mg/m<sup>3</sup>

Short-term exposure limit (15-minute reference period): - ppm | 10 mg/m<sup>3</sup>

n-butyl acetate

Long-term exposure limit (8-hour TWA reference period): 150 ppm | 724 mg/m<sup>3</sup>

Short-term exposure limit (15-minute reference period): 200 ppm | 966 mg/m<sup>3</sup>

acetone propan-2-one propanone

Long-term exposure limit (8-hour TWA reference period): 500 ppm | 1210 mg/m<sup>3</sup>

Short-term exposure limit (15-minute reference period): 1500 ppm | 3620 mg/m<sup>3</sup>

dimethyl ether

Long-term exposure limit (8-hour TWA reference period): 400 ppm | 766 mg/m<sup>3</sup>

Short-term exposure limit (15-minute reference period): 500 ppm | 958 mg/m<sup>3</sup>

#### ▼ DNEL / PNEC

DNEL ( acetone propan-2-one propanone ): 186 mg/kg

Exposure: Dermal

Duration of Exposure: Long term – Systemic effects - Workers

DNEL ( acetone propan-2-one propanone ): 62 mg/kg  
Exposure: Dermal  
Duration of Exposure: Long term – Systemic effects - General population

DNEL ( acetone propan-2-one propanone ): 2420 mg/m<sup>3</sup>  
Exposure: Inhalation  
Duration of Exposure: Short term – Systemic effects - Workers

DNEL ( acetone propan-2-one propanone ): 1210 mg/m<sup>3</sup>  
Exposure: Inhalation  
Duration of Exposure: Long term – Systemic effects - Workers

DNEL ( acetone propan-2-one propanone ): 200 mg/m<sup>3</sup>  
Exposure: Inhalation  
Duration of Exposure: Long term – Systemic effects - General population

DNEL ( acetone propan-2-one propanone ): 62 mg/kg  
Exposure: Oral  
Duration of Exposure: Long term – Systemic effects - General population

DNEL (n-butyl acetate): 102,34 mg/m<sup>3</sup>  
Exposure: Inhalation  
Duration of Exposure: Long term – Systemic effects - General population

DNEL (n-butyl acetate): 960 mg/m<sup>3</sup>  
Exposure: Inhalation  
Duration of Exposure: Short term – Local effects - Workers

DNEL (n-butyl acetate): 960 mg/m<sup>3</sup>  
Exposure: Inhalation  
Duration of Exposure: Short term – Systemic effects - Workers

DNEL (n-butyl acetate): 480 mg/m<sup>3</sup>  
Exposure: Inhalation  
Duration of Exposure: Long term – Systemic effects - Workers

DNEL (n-butyl acetate): 480 mg/m<sup>3</sup>  
Exposure: Inhalation  
Duration of Exposure: Long term – Local effects - Workers

DNEL (n-butyl acetate): 859,7 mg/m<sup>3</sup>  
Exposure: Inhalation  
Duration of Exposure: Short term – Systemic effects - General population

DNEL (n-butyl acetate): 102,34 mg/m<sup>3</sup>  
Exposure: Inhalation  
Duration of Exposure: Long term – Local effects - General population

DNEL (n-butyl acetate): 859,7 mg/m<sup>3</sup>  
Exposure: Inhalation  
Duration of Exposure: Short term – Local effects - General population

PNEC ( acetone propan-2-one propanone ): 21 mg/L  
Exposure: Intermittent release

PNEC ( acetone propan-2-one propanone ): 30,4 mg/kg  
Exposure: Freshwater sediment

PNEC ( acetone propan-2-one propanone ): 3,04 mg/kg  
Exposure: Marine water sediment

PNEC ( acetone propan-2-one propanone ): 33,3 mg/kg  
Exposure: Soil

PNEC ( acetone propan-2-one propanone ): 10,6 mg/kg  
Exposure: Freshwater

PNEC ( acetone propan-2-one propanone ): 1,06 mg/kg  
Exposure: Marine water

PNEC (n-butyl acetate): 35,6 mg/L  
Exposure: Sewage Treatment Plant

According to EC-Regulation 2015/830

PNEC (n-butyl acetate): 0,18 mg/L  
Exposure: Freshwater

PNEC (n-butyl acetate): 0,018 mg/L  
Exposure: Marine water

PNEC (n-butyl acetate): 0,36 mg/L  
Exposure: Intermittent release

PNEC (n-butyl acetate): 0,981 mg/kg  
Exposure: Freshwater sediment

PNEC (n-butyl acetate): 0,0981 mg/kg  
Exposure: Marine water sediment

PNEC (n-butyl acetate): 0,09903 mg/kg  
Exposure: Soil

## 8.2. Exposure controls

- ▼ Compliance with the accepted occupational exposure limits values should be controlled on a regular basis.

### General recommendations

- ▼ Observe general occupational hygiene standards.

### Exposure scenarios

In the event exposure scenarios are appended to the safety data sheet, the operational conditions and risk management measures in these shall be complied with.

### Exposure limits

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

### Appropriate technical measures

Airborne gas and dust concentrations must be kept at a minimum and below current limit values (see above). Installation of an exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure emergency eyewash and -showers are clearly marked.

### Hygiene measures

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Always wash hands, forearms and face.

### Measures to avoid environmental exposure

No specific requirements.

## Individual protection measures, such as personal protective equipment



### Generally

Use only CE marked protective equipment.

### Respiratory Equipment

If ventilation at the work place is insufficient, use a half- or full mask with an appropriate filter or an air-supplied breathing apparatus depending on the specific work situation and how long you will be using the product.

### Skin protection

Wear appropriate protection clothing, e.g. coveralls in polypropylene approved type 6 and Category III.

### Hand protection

Wear protective gloves. The specific work situation is unknown. Contact the suppliers of the gloves for further advice regarding the appropriate glove type. Please note that elastic gloves stretch when used. The thickness of the gloves, and therefore their penetration time, will be reduced. Moreover, the temperature of the glove in use is about 35°C, while the standard test, EN 374-3, is done at 23°C. The penetration time is therefore reduced by a factor of 3.

### Eye protection

Wear safety glasses with side shields.

## SECTION 9: Physical and chemical properties

### ▼ 9.1. Information on basic physical and chemical properties

Form	Aerosol
Colour	Transparent
Odour	Characteristic
Odour threshold (ppm)	No data available.
pH	No data available.
Viscosity (40°C)	No data available.
Density (g/cm <sup>3</sup> )	0,727
<b>▼ Phase changes</b>	
Melting point (°C)	No data available.
Boiling point (°C)	-24
Vapour pressure (25°C)	3900 mmHg
Decomposition temperature (°C)	No data available.
Evaporation rate (n-butylacetate = 100)	No data available.
<b>▼ Data on fire and explosion hazards</b>	
Flash point (°C)	<0
Ignition (°C)	No data available.
Auto flammability (°C)	No data available.
Explosion limits (% v/v)	2,6 - 18,6 v/v%
Explosive properties	No data available.
<b>▼ Solubility</b>	
Solubility in water	Insoluble
n-octanol/water coefficient	No data available.
<b>▼ 9.2. Other information</b>	
Solubility in fat (g/L)	No data available.

## SECTION 10: Stability and reactivity

- ▼ 10.1. Reactivity**  
No data available
- ▼ 10.2. Chemical stability**  
The product is stable under the conditions, noted in the section "Handling and storage".
- ▼ 10.3. Possibility of hazardous reactions**  
Nothing special
- ▼ 10.4. Conditions to avoid**  
Avoid static electricity. Do not expose to any forms of heat (e.g. solar radiation). May lead to excess pressure.
- ▼ 10.5. Incompatible materials**  
Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.
- ▼ 10.6. Hazardous decomposition products**  
The product is not degraded when used as specified in section 1.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### ▼ Acute toxicity

Substance: Solvent naphtha (petroleum), light arom. Low boiling point naphtha - unspecified [A complex combi

Species: Rat

Test: LD50

Route of exposure: Oral

Result: 8400 mg/kg

Substance: Solvent naphtha (petroleum), light arom. Low boiling point naphtha - unspecified [A complex combi

Species: Rabbit

Test: LD50

Route of exposure: Dermal

Result: 3,48 g/kg

Substance: Poly Hexamethylene Diisocyanate

Species: Rat

Test: LC50

Route of exposure: Inhalation

Result: 18500 mg/m<sup>3</sup>



According to EC-Regulation 2015/830

Substance: n-butyl acetate  
Species: Rat  
Test: LD50  
Route of exposure: Oral  
Result: 10768 g/kg

Substance: n-butyl acetate  
Species: Rabbit  
Test: LD50  
Route of exposure: Skin  
Result: > 5000 mg/kg

Substance: n-butyl acetate  
Species: Rat  
Test: LD50  
Route of exposure: Oral  
Result: > 6400 mg/kg

Substance: n-butyl acetate  
Species: Rat  
Test: LC50  
Route of exposure: Inhalation  
Result: 2000 ppm

Substance: n-butyl acetate  
Species: Rat  
Test: LC50  
Route of exposure: Inhalation  
Result: 21.1 mg/l/4h

Substance: acetone propan-2-one propanone  
Species: Rabbit  
Test: LD50  
Route of exposure: Skin  
Result: > 20 ml/kg

Substance: acetone propan-2-one propanone  
Species: Rat  
Test: LD50  
Route of exposure: Intravenous  
Result: 5500 mg/kg

Substance: acetone propan-2-one propanone  
Species: Rat  
Test: LD50  
Route of exposure: Oral  
Result: 5800 mg/kg

Substance: acetone propan-2-one propanone  
Species: Rat  
Test: LC50  
Route of exposure: Inhalation  
Result: 21,09 ppm/8H

Substance: dimethyl ether  
Species: Rabbit  
Test: LC50  
Route of exposure: Inhalation  
Result: 308 g/m<sup>3</sup>

▼ **Skin corrosion/irritation**

No data available.

▼ **Serious eye damage/irritation**

Causes serious eye irritation.

▼ **Respiratory or skin sensitisation**

May cause an allergic skin reaction.

▼ **Germ cell mutagenicity**

No data available.

▼ **Carcinogenicity**

No data available.

▼ **Reproductive toxicity**

No data available.

▼ **STOT-single exposure**

May cause drowsiness or dizziness.



#### ▼ STOT-repeated exposure

No data available.

#### ▼ Aspiration hazard

No data available.

#### ▼ Long term effects

Neurotoxic effects: This product contains organic solvents, which may cause adverse effects to the nervous system. Symptoms of neurotoxicity include: loss of appetite, headache, dizziness, ringing in ears, tingling sensations of skin, sensitivity to the cold, cramps, difficulty in concentrating, tiredness, etc. Repeated exposure to solvents can result in the breaking down of the skin's natural fat layer and may result in an increased absorption potential of other hazardous substances at the area of exposure.

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

## SECTION 12: Ecological information

### ▼ 12.1. Toxicity

Substance: n-butyl acetate  
Species: Daphnia  
Test: EC50  
Duration: 24 H  
Result: 205 mg/L

Substance: n-butyl acetate  
Species: Fish  
Test: LC50  
Duration: 96 H  
Result: 100 mg/L

Substance: n-butyl acetate  
Species: Crustacean  
Test: LC50  
Duration: 48 h  
Result: 32000 ug/L

Substance: acetone propan-2-one propanone  
Species: Algae  
Test: EC50  
Duration: 120 H  
Result: 14444 mg/L

Substance: acetone propan-2-one propanone  
Species: Crustacean  
Test: LC50  
Duration: 48 H  
Result: 7550 mg/L

Substance: acetone propan-2-one propanone  
Species: Daphnia  
Test: EC50  
Duration: 48 H  
Result: 13500 mg/L

### ▼ 12.2. Persistence and degradability

Substance	Biodegradability	Test	Result
n-butyl acetate	Yes	No data available	No data available
acetone propan-2-one	Yes	No data available	No data available
propan...			

### ▼ 12.3. Bioaccumulative potential

Substance	Potential bioaccumulation	LogPow	BCF
n-butyl acetate	No	1,78	No data available
acetone propan-2-one	No	-0,24	No data available
propan...	No	0,1	No data available
dimethyl ether			

### ▼ 12.4. Mobility in soil

n-butyl acetate: Log Koc= 1,487982, Calculated from LogPow (High mobility potential.).

acetone propan-2-one propan...: Log Koc= -0,111656, Calculated from LogPow (High mobility potential.).

dimethyl ether : Log Koc= 0,15759, Calculated from LogPow (High mobility potential.).

### ▼ 12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

#### ▼ 12.6. Other adverse effects

This product contains substances that are toxic to the environment. May result in adverse effects to aquatic organisms.

This product contains substances, which due to poor biodegradability, may cause adverse long-term effects to the aquatic environment,

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Product is covered by the regulations on hazardous waste.

##### ▼ Waste

EWC code

08 01 11

waste paint and varnish containing organic solvents or other dangerous substances

##### ▼ Specific labelling

-

##### ▼ Contaminated packing

Contaminated packaging must be disposed of similarly to the product.

### SECTION 14: Transport information

#### 14.1 – 14.4

This product is within scope of the regulations of transport of dangerous goods.

##### ▼ ADR/RID

14.1. UN number 1950

14.2. UN proper shipping name AEROSOLS, FLAMMABLE

14.3. Transport hazard class(es) 2,1

14.4. Packing group -

Notes -

Tunnel restriction code -

##### ▼ IMDG

UN-no. 1950

Proper Shipping Name AEROSOLS, FLAMMABLE

Class 2,1

PG\* -

EmS F-D, S-U

MP\*\* NO

Hazardous constituent -

##### ▼ IATA/ICAO

UN-no. 1950

Proper Shipping Name AEROSOLS, FLAMMABLE

Class 2,1

PG\* -

#### ▼ 14.5. Environmental hazards

-

#### ▼ 14.6. Special precautions for user

-

#### ▼ 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No data available

(\*) Packing group

(\*\*) Marine pollutant

### SECTION 15: Regulatory information

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

#### ▼ Restrictions for application

People under the age of 18 shall not be exposed to this product cf. Council Directive 94/33/EC of 22 June 1994 on the protection of young people at work.

Pregnant women and women breastfeeding must not be exposed to this product. The risk, and possible technical precautions or design of the workplace needed to eliminate exposure, must be considered.

#### ▼ Demands for specific education

Use of this product requires dedicated training in work with polyurethane and epoxy products.

#### Additional information

Not applicable

#### Seveso

Seveso III Part 1: P3a, P5a

#### Sources

Council Directive 94/33/EC of 22 June 1994 on the protection of young people at work.

Council Directive 75/324/EEC of 20 May 1975 on the approximation of the laws of the Member States relating to aerosol dispensers.

Directive 2004/42/CE of the European Parliament and of the Council of 21 April 2004 on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain paints and varnishes and vehicle refinishing products and amending Directive 1999/13/EC.

The Control of Substances Hazardous to Health Regulations 2002. SI 2002/2677. The Stationery Office, 2002.

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 (CLP).

EC regulation 1907/2006 (REACH).

The Control of Major Accident Hazards (COMAH) Regulations 2015.

#### ▼ 15.2. Chemical safety assessment

No

### SECTION 16: Other information

#### ▼ Full text of H-phrases as mentioned in section 3

H220 - Extremely flammable gas.

H225 - Highly flammable liquid and vapour.

H226 - Flammable liquid and vapour.

H280 - Contains gas under pressure; may explode if heated.

H304 - May be fatal if swallowed and enters airways.

H315 - Causes skin irritation.

H317 - May cause an allergic skin reaction.

H319 - Causes serious eye irritation.

H332 - Harmful if inhaled.

H335 - May cause respiratory irritation.

H336 - May cause drowsiness or dizziness.

H411 - Toxic to aquatic life with long lasting effects.

EUH066 - Repeated exposure may cause skin dryness or cracking.

#### The full text of identified uses as mentioned in section 1

-

#### Additional label elements



#### Other

In accordance with Regulation (EC) No. 1272/2008 (CLP) the evaluation of the classification of the mixture is based on:

The classification of the mixture in regard of physical hazards has been based on experimental data.

The classification of the mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP)

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is

According to EC-Regulation 2015/830



not necessarily correct for use with other chemicals/products.

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.

**The safety data sheet is validated by**

Admin

**Date of last essential change**

**(First cipher in SDS version)**

2016-09-01(999.0)

**Date of last minor change**

**(Last cipher in SDS version)**

2016-09-01

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ALPHAOMEGA. Licens nr.:3036182198, HBC SYSTEM Danmark, 6.4.0.12  
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