

Safety data sheet
according to Regulation (EC) No 1907/2006, Article 31

Page 1/14

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V- 1.0

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

1.1 Product identifier

Trade name: CARROSS DURCISSEUR AIR GLOSS AIR GLOSS HARDENER

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

Identified use: professional use.

Uses advised against: do-it-yourself use

Application of the substance / the mixture Hardening agent/ Curing agent

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

CARROSS SAS

6 rue des Sources,

69230, Saint-Genis-Laval

France

Tel +33 (0)1 60 27 20 19

contact@carross.eu

Further information obtainable from: contact@carross.eu

1.4 Emergency telephone number:

+33 (0)1 60 27 20 19 (8:30-18:00 du lundi au jeudi, 9:30-17 le vendredi)

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.



GHS08

Asp. Tox. 1

H304

May be fatal if swallowed and enters airways.



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.

Aquatic Chronic 3 H412

Harmful to aquatic life with long lasting effects.

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 GHS08

Signal word Danger

Hazard-determining components of labelling:

hexamethylene diisocyanate homopolymer

hydrocarbons, C9, aromatics

n-butyl acetate

hexamethylene-di-isocyanate

(Contd. on page 2)

Trade name: CARROSS DURCISSEUR AIR GLOSS AIR GLOSS 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.
H304 May be fatal if swallowed and enters airways.
H412 Harmful to aquatic life with long lasting effects.

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.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
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

Determination of endocrine-disrupting properties

The product does not contain a substance included in the list established pursuant to Article 59(1) of Regulation (EC) No 1907/2006 as having endocrine disrupting properties or a substance that would be identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 in a quantity $\geq 0.1\%$.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

Dangerous components:		
List no.: 931-297-3 Reg.nr.: 01-2119488934-20	hexamethylene diisocyanate homopolymer ⚠ Acute Tox. 4, H332; Skin Sens. 1, H317; STOT SE 3, H335	50-100%
CAS: 123-86-4 EINECS: 204-658-1 Reg.nr.: 01-2119485493-29	n-butyl acetate ⚠ Flam. Liq. 3, H226; ⚠ STOT SE 3, H336, EUH066	10-<20%
CAS: 108-65-6 EINECS: 203-603-9 Reg.nr.: 01-2119475791-29	2-methoxy-1-methylethyl acetate ⚠ Flam. Liq. 3, H226; ⚠ STOT SE 3, H336	5-15%
List no.: 918-668-5 Reg.nr.: 01-2119455851-35	hydrocarbons, C9, aromatics ⚠ Flam. Liq. 3, H226; ⚠ Asp. Tox. 1, H304; ⚠ Aquatic Chronic 2, H411; ⚠ STOT SE 3, H335-H336, EUH066	2.5-<10%
CAS: 1330-20-7 EINECS: 215-535-7 Reg.nr.: 01-2119488216-32	xylene ⚠ Flam. Liq. 3, H226; ⚠ STOT RE 2, H373; Asp. Tox. 1, H304; ⚠ Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335; Aquatic Chronic 3, H412	2.5-<10%
CAS: 822-06-0 EINECS: 212-485-8 Reg.nr.: 01-2119457571-37	hexamethylene-di-isocyanate ⚠ 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 Specific concentration limits: Resp. Sens. 1; H334: C $\geq 0.5\%$ Skin Sens. 1; H317: C $\geq 0.5\%$	0.01-<0.1%

(Contd. on page 3)

Trade name: CARROSS DURCISSEUR AIR GLOSS AIR GLOSS HARDENER

(Contd. of page 2)

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.

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.

After inhalation:

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

After skin contact:

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.

Use fire extinguishing methods suitable to surrounding conditions.

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)

Vapours of isocyanates.

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.

Inform respective authorities in case of seepage into water course or sewage system.

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.

(Contd. on page 4)

Trade name: CARROSS DURCISSEUR AIR GLOSS AIR GLOSS HARDENER

(Contd. of page 3)

6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

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.

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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/m ³ , 200 ppm Long-term value: 724 mg/m ³ , 150 ppm
IOELV (EU)	Short-term value: 723 mg/m ³ , 150 ppm Long-term value: 241 mg/m ³ , 50 ppm
108-65-6 2-methoxy-1-methylethyl acetate	
WEL (Great Britain)	Short-term value: 548 mg/m ³ , 100 ppm Long-term value: 274 mg/m ³ , 50 ppm Sk
IOELV (EU)	Short-term value: 550 mg/m ³ , 100 ppm Long-term value: 275 mg/m ³ , 50 ppm Skin
1330-20-7 xylene	
WEL (Great Britain)	Short-term value: 441 mg/m ³ , 100 ppm Long-term value: 220 mg/m ³ , 50 ppm Sk; BMGV
IOELV (EU)	Short-term value: 442 mg/m ³ , 100 ppm Long-term value: 221 mg/m ³ , 50 ppm Skin
822-06-0 hexamethylene-di-isocyanate	
WEL (Great Britain)	Short-term value: 0.07 mg/m ³ Long-term value: 0.02 mg/m ³ Sen; as -NCO
BOELV (EU)	Short-term value: 0.012 (0.020)* mg/m ³ Long-term value: 0.006 (0.010)* mg/m ³ as -NCO *until 31.12.2028

(Contd. on page 5)

Trade name: CARROSS DURCISSEUR AIR GLOSS AIR GLOSS HARDENER

(Contd. of page 4)

Regulatory information

WEL (Great Britain): EH40/2020

IOELV (EU): (EU) 2019/1831

BOELV (EU): EU 2024/869

DNELs		
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)
108-65-6 2-methoxy-1-methylethyl acetate		
Dermal	DNEL	153.5 mg/kg bw/day (long-term - systemic effects, workers)
Inhalative	DNEL	275 mg/m3 (long-term - systemic effects, workers)
hydrocarbons, C9, aromatics		
Dermal	DNEL	25 mg/kg bw/day (long-term - systemic effects, workers)
Inhalative	DNEL	150 mg/m3 (long-term - systemic effects, workers)
1330-20-7 xylene		
Dermal	DNEL	212 mg/kg bw/day (long-term - systemic effects, workers)
Inhalative	DNEL	442 mg/m3 (acute - systemic effects, workers)
		442 mg/m3 (acute - local effects, workers)
		221 mg/m3 (long-term - systemic effects, workers)
		221 mg/m3 (long-term - local 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		
hexamethylene diisocyanate homopolymer		
PNEC	0.1 mg/l (freshwater environment)	
	0.01 mg/l (marine environment)	
	1 mg/l (intermittent releases)	
	100 mg/l (sewage treatment plants)	
PNEC	2,530 mg/kg (freshwater sediment environment)	
	253 mg/kg (marine sediment environment)	
	505 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)	

(Contd. on page 6)

Trade name: CARROSS DURCISSEUR AIR GLOSS AIR GLOSS HARDENER

(Contd. of page 5)

108-65-6 2-methoxy-1-methylethyl acetate	
PNEC	0.635 mg/l (freshwater environment) 0.0635 mg/l (marine environment) 6.35 mg/l (intermittent releases) 100 mg/l (sewage treatment plants)
PNEC	3.29 mg/kg (freshwater sediment environment) 0.329 mg/kg (marine sediment environment)
1330-20-7 xylene	
PNEC	0.327 mg/l (freshwater environment) 0.327 mg/l (marine environment)
PNEC	12.46 mg/kg (freshwater sediment environment) 12.46 mg/kg (marine sediment environment)
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:	
1330-20-7 xylene	
BMGV (Great Britain)	650 mmol/mol creatinine Medium: urine Sampling time: post shift Parameter: methyl hippuric acid
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): EH40/2020

Additional information: The lists valid during the making were used as basis.

8.2 Exposure controls

Appropriate engineering controls No further data; see section 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.

Keep away from foodstuffs, beverages and feed.

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.

A2/P2 filter (EN 14387)

(Contd. on page 7)

Trade name: CARROSS DURCISSEUR AIR GLOSS AIR GLOSS HARDENER

(Contd. of page 6)

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.

When choosing protective gloves, the breakthrough time, rate of penetration and degradation (EN 374) should be taken into account.

Material of gloves

Butyl rubber, BR

Nitrile rubber, NBR

PVA gloves

Recommended material thickness: ≥ 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.

Penetration time of glove material

Permeation level and breakthrough time: level 6 ≥ 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 (EN 166 / EN 170)

Body protection: Protective work clothing (EN 14325)

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Physical state

Liquid

Colour:

Colourless/light yellow

Odour:

Characteristic

Odour threshold:

Not determined

Melting point/freezing point:

Undetermined

Boiling point or initial boiling point and boiling range

124-128 °C (123-86-4 n-butyl acetate)

Flammability

Flammable.

Lower and upper explosion limit

Lower:

0.7 Vol % (hydrocarbons, C9, aromatics)

Upper:

15 Vol % (123-86-4 n-butyl acetate)

Flash point:

>23 °C

Decomposition temperature:

Not determined

pH

Not applicable

Viscosity:

Kinematic viscosity

<20.5 mm²/s

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 (123-86-4 n-butyl acetate)

Vapour pressure at 50 °C:

55 hPa

Density and/or relative density

Density at 20 °C:

1.02-1.04 g/cm³

(Contd. on page 8)

Trade name: CARROSS DURCISSEUR AIR GLOSS AIR GLOSS HARDENER

(Contd. of page 7)

Vapour density	Not determined
9.2 Other information	
Appearance:	
Form:	Fluid
Important information on protection of health and environment, and on safety.	
Ignition temperature:	Not determined
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
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

Reacts with water.

Reacts with alkali, amines and strong acids.

Reacts with oxidising agents.

Fumes can combine with air to form an explosive mixture.

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:

Carbon monoxide and carbon dioxide

Formation of toxic gases is possible during heating or in case of fire.

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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:		
hexamethylene diisocyanate homopolymer		
Oral	LD50	>2,000 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rat)
Inhalative	LC50/4 h	11 mg/l (ATE)

(Contd. on page 9)

Trade name: CARROSS DURCISSEUR AIR GLOSS AIR GLOSS HARDENER

(Contd. of page 8)

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)
108-65-6 2-methoxy-1-methylethyl acetate		
Oral	LD50	>5,000 mg/kg (rat)
Dermal	LD50	>5,000 mg/kg (rabbit)
Inhalative	LC50/6 h	4,345 mg/l (rat)
hydrocarbons, C9, aromatics		
Oral	LD50	3,592 mg/kg (rat)
Dermal	LD50	>3,160 mg/kg
Inhalative	LC50/4 h	>6,193 mg/l (rat)
1330-20-7 xylene		
Dermal	LD50	1,100 mg/kg (ATE)
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)
Inhalative	LC50/4 h	0.124 mg/l (rat) (vapour)

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 May be fatal if swallowed and enters airways.

11.2 Information on other hazards

Endocrine disrupting properties
None of the ingredients is listed.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity:	
hexamethylene diisocyanate homopolymer	
LC50/96 h	>100 mg/l (fish)
EC50/3 h	>10,000 mg/l (microorganisms)
EC50/48 h	>100 mg/l (Daphnia magna)
EC50/72 h	199 mg/l (Scenedesmus subspicatus)
123-86-4 n-butyl acetate	
LC50/96 h	18 mg/l (fish)
TT/16 h	115 mg/l (microorganisms)
EC50/48 h	44 mg/l (daphnia)
EC50/72 h	675 mg/l (algae)

(Contd. on page 10)

Trade name: CARROSS DURCISSEUR AIR GLOSS AIR GLOSS HARDENER

(Contd. of page 9)

108-65-6 2-methoxy-1-methylethyl acetate	
LC50/96 h	>100 mg/l (fish)
EC50/48 h	>500 mg/l (Daphnia magna)
EC20/30 min	>1,000 mg/l (microorganisms)
EC50/72 h	>1,000 mg/l (algae)
EC50	>100 mg/l (algae)
	>100 mg/l (fish)
	>100 mg/l (Daphnia magna)
hydrocarbons, C9, aromatics	
ErC50/96 h	9.2 mg/l (fish)
EL50/48 h	3.2 mg/l (Daphnia magna)
ErL50/72 h	2.9 mg/l (algae)
EC50/48 h	6.14 mg/l (Daphnia magna)
EC50/10 min	>99 mg/l (microorganisms)
1330-20-7 xylene	
LC50/96 h	2.6 mg/l (Oncorhynchus mykiss) (OECD 203)
EC50/3 h	>157 mg/l (microorganisms)
EC50/48 h	>3.4 mg/l (Ceriodaphnia dubia) (OECD 202)
EC50/73h	2.2 mg/l (algae) (OECD 201)
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	
hexamethylene diisocyanate homopolymer	
Biodegradation	2 % (not readily biodegradable)
123-86-4 n-butyl acetate	
Biodegradation	83 % (readily biodegradable) (OECD 301 D, 28 d, aerobic)
108-65-6 2-methoxy-1-methylethyl acetate	
Biodegradation	100 % (readily biodegradable) (OECD 302 B, 8 d, aerobic)
hydrocarbons, C9, aromatics	
Biodegradation	78 % (readily biodegradable) (OECD 301 F, 28 d, aerobic)
1330-20-7 xylene	
Biodegradation	>60 % (readily biodegradable)
822-06-0 hexamethylene-di-isocyanate	
Biodegradation	42 % (not readily biodegradable) (OECD 301 F, 28 d, aerobic)
12.3 Bioaccumulative potential	
hexamethylene diisocyanate homopolymer	
BCF	10.11 (-)
log Kow	8.38 (Kow)
123-86-4 n-butyl acetate	
BCF	15.3 (-)
log Pow	2.3
108-65-6 2-methoxy-1-methylethyl acetate	
log Pow	0.56

(Contd. on page 11)

Trade name: CARROSS DURCISSEUR AIR GLOSS AIR GLOSS HARDENER

(Contd. of page 10)

1330-20-7 xylene	
BCF	25.9
log Kow	<3.2
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
108-65-6 2-methoxy-1-methylethyl acetate	
Koc	1.7
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 product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

Harmful to aquatic organisms

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
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

(Contd. on page 12)

Trade name: CARROSS DURCISSEUR AIR GLOSS AIR GLOSS HARDENER

(Contd. of page 11)

14.5 Environmental hazards:	Not applicable
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

Poisons Act

Regulated explosives precursors
None of the ingredients is listed.
Regulated poisons
None of the ingredients is listed.
Reportable explosives precursors
None of the ingredients is listed.
Reportable poisons
None of the ingredients is listed.

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

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.
Regulation (EC) No 273/2004 on drug precursors
None of the ingredients is listed.

(Contd. on page 13)

Trade name: CARROSS DURCISSEUR AIR GLOSS AIR GLOSS HARDENER

(Contd. of page 12)

Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug 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

The above information is based on currently available data characterising the product. They do not constitute a guarantee or quality specification. It should be regarded as a guideline for safe use, storage, transport, disposal in case of release into the environment. It is the responsibility of the user to create conditions for the safe use of the product and the user accepts responsibility for any consequences resulting from improper use of this product.

Relevant phrases

H226 Flammable liquid and vapour.

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H312 Harmful in contact with skin.

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.

H373 May cause damage to organs through prolonged or repeated exposure.

H411 Toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.

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) Hazardous to the aquatic environment - long-term (chronic) aquatic hazard	The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.
Aspiration hazard	Expert judgement

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 number assigned to the chemical in the Chemical Abstracts Service list

DNEL: Derived No-Effect Level

PNEC: Predicted No-Effect Concentration

LC50: median lethal concentration

LD50: lethal dose 50%

PBT: persistent, bioaccumulative and toxic

vPvB: very persistent and very bioaccumulative

ATE: Acute toxicity estimate values

(Contd. on page 14)

Trade name: CARROSS DURCISSEUR AIR GLOSS AIR GLOSS HARDENER

(Contd. of page 13)

Flam. Liq. 3: Flammable liquid substance. Hazard category 3
Acute Tox. 1: Acute toxicity. Hazard category 1
Acute Tox. 4: Acute toxicity. Hazard category 4
Skin Irrit. 2: Skin corrosion/irritation. Hazard category 2
Eye Irrit. 2: Serious eye damage/eye irritation. Hazard category 2
Resp. Sens. 1: Respiratory sensitisation. Hazard category 1
Skin Sens. 1: Skin sensitisation. Hazard category 1
STOT SE 3: Toxic effects on target organs - single exposure. Hazard category 3
STOT RE 2: Toxic effects on target organs - repeated exposure. Hazard category 2
Asp. Tox. 1: Aspiration hazard. Hazard category 1
Aquatic Chronic 2: Presenting a hazard to the aquatic environment. Chronic hazard, Category 2
Aquatic Chronic 3: Presenting a hazard to the aquatic environment. Chronic hazard, Category 3

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

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