according to Regulation (EC) No 1907/2006, Article 31 (2020/878)

Printing date: 05.09.2024 Version: 7 (replaces version 6) Revision: 05.09.2024

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

- · 1.1 Product identifier
- · Trade name: Ambiance Adhesive Remover
- · 1.2 Relevant identified uses of the substance or mixture and uses advised against-

SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites

SU21 Consumer uses: Private households / general public / consumers

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

Process category

PROC7 Industrial spraying

PROC11 Non industrial spraying

- · Application of the substance / the mixtureAdhesive Remover
- · 1.3 Details of the supplier of the safety data sheet
- · Manufacturer/Supplier:

Ambiance Healthcare B.V.

Sleepboot 1

3991 CN Houten

The Netherlands

Tel: +31 (0) 30 401 0440

- · Further information obtainable from:Research & Development: info@ambiancehealthcare.com
- 1.4 Emergency telephone number: During normal business hours: Tel: +31 (0) 30 401 0440

SECTION 2: Hazards identification

- · 2.1 Classification of the substance or mixture
- · Classification according to Regulation (EC) No 1272/2008



GHS02 flame

H222-H229Extremely flammable aerosol. Pressurised container: May burst if heated. Aerosol 1



GHS09 environment

Aquatic Chronic 2H411

Toxic 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 GHS09

- · Signal wordDanger

Hazard statements H222-H229Extremely flammable aerosol. Pressurised container: May burst if heated.

Toxic to aquatic life with long lasting effects.

- · Precautionary statements
- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P210
- P211 Do not spray on an open flame or other ignition source.
- P251 Do not pierce or burn, even after use.

(Contd. on page 2)

according to Regulation (EC) No 1907/2006, Article 31 (2020/878)

Printing date: 05.09.2024 Version: 7 (replaces version 6) Revision: 05.09.2024

Trade name: Ambiance Adhesive Remover

(Contd. of page 1)

P27 Avoid release to the environment.

3 Collect spillage.

P320+P412Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

£501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· Additional information:

Buildup of explosive mixtures possible without sufficient ventilation.

- · 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:-

· Dangerous components:		
CAS: 107-46-0 EINECS: 203-492-7 Reg.nr.: 01-2119496108-31	hexamethyldisiloxane Flam. Liq. 2, H225; Aquatic Chronic 2, H411, EUH018	75-<100%
CAS: 106-97-8 EINECS: 203-448-7 Reg.nr.: 01-2119474691-32	butane (containing < 0.1% butadiene (203-450-8), Note K) Flam. Gas 1A, H220; Press. Gas (Comp.), H280	10-<25%
CAS: 74-98-6 EINECS: 200-827-9 Reg.nr.: 01-2119486944-21	propane Flam. Gas 1A, H220; Press. Gas (Comp.), H280	2.5-<10%
CAS: 75-28-5 EINECS: 200-857-2 Reg.nr.: 01-2119485395-27	isobutane (containing < 0,1 % butadiene (203-450-8), Note K) Flam. Gas 1A, H220; Press. Gas (Comp.), H280	1-<2.5%

· Ingredients according to detergents guidline 648/2004/EC	
aliphatic hydrocarbons	≥15 - <30%

· Additional information:

Aerosols and containers fitted with a solid atomizer containing substances or mixtures classified as hazardous by aspiration shall not be labelled for that hazard.

The text of the hazard statements mentioned here can be found in chapter 16.

SECTION 4: First aid measures

- · 4.1 Description of first aid measures
- · After inhalation: Supply fresh air; consult doctor in case of complaints.
- · After skin contact: Generally the product does not irritate the skin.
- · 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.
- \cdot 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:

Water haze

Fire-extinguishing powder

(Contd. on page 3)

according to Regulation (EC) No 1907/2006, Article 31 (2020/878)

Printing date: 05.09.2024 Version: 7 (replaces version 6) Revision: 05.09.2024

Trade name: Ambiance Adhesive Remover

(Contd. of page 2)

Carbon dioxide

Alcohol resistant foam

- · For safety reasons unsuitable extinguishing agents: Water with full jet
- 5.2 Special hazards arising from the substance or mixtureNo further relevant information available.
- · 5.3 Advice for firefighters
- · Protective equipment: Mount respiratory protective device.

SECTION 6: Accidental release measures

 \cdot 6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

· 6.2 Environmental precautions:

Do not allow product to reach sewage system or any water course.

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

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

· 6.3 Methods and material for containment and cleaning up:

Ensure adequate ventilation.

Do not flush with water or aqueous cleansing agents

· 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 handlingEnsure good ventilation/exhaustion at the workplace.
- · Information about fire and explosion protection:

Do not spray onto a naked flame or any incandescent material.

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.

- · 7.2 Conditions for safe storage, including any incompatibilities
- · Storage:
- · Requirements to be met by storerooms and receptacles:

Store in a cool location.

Observe official regulations on storing packagings with pressurised containers.

· Information about storage in one common storage facility:

Observe official regulations on storing packagings with pressurised containers.

· Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles.

Protect from heat and direct sunlight.

· 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:

106-97-8butane (containing < 0.1% butadiene (203-450-8), Note K)

OEL (Ireland) Short-term value: 1000 ppm

WEL (Great Britain)Short-term value: 1810 mg/m³, 750 ppm

Long-term value: 1450 mg/m³, 600 ppm Carc (if more than 0.1% of buta-1.3-diene)

(Contd. on page 4)

according to Regulation (EC) No 1907/2006, Article 31 (2020/878)

Printing date: 05.09.2024 Version: 7 (replaces version 6) Revision: 05.09.2024

Trade name: Ambiance Adhesive Remover

		(Contd. of page
REL (USA)	Long-term value: 1900 mg/m³, 800 ppm	
TLV (USA)	Short-term value: 1000 ppm (EX)	
74-98-6 propane		
OEL (Ireland)	Asphx	
	ng-term value: 1800 mg/m³, 1000 ppm Additioneel ingevuld tbv klant voor Hfdst3 SDS	
PEL (USA)	Long-term value: 1800 mg/m³, 1000 ppm	
REL (USA)	Long-term value: 1800 mg/m³, 1000 ppm	
TLV (USA)	see Appendix F Minimal oxygen content (D, EX)	
75-28-5isobutane (c	ontaining < 0,1 % butadiene (203-450-8), Note K)	
OEL (Ireland)	Short-term value: 1000 ppm	
	ng-term value: 2400 mg/m³, 1000 ppm Additioneel ingevuld obv klant voor Hfdst 3 SDS	
TLV (USA)	Short-term value: 1000 ppm (EX)	

WEL (Great Britain): EH40/2020

REL (USA): Guide to Occupational Exposure Values (NIOSH RELs)

TLV (USA): Guide to Occupational Exposure Values (TLV)

PEL (USA): Guide to Occupational Exposure Values (OSHA PELs)

 DNEL 	S
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107-46-0 hexamethyldisiloxane			
Oral	DNEL	0.27 mg/kg bw/day (Consumer)	
Dermal	DNEL	167 mg/kg bw/day (Consumer)	
		333 mg/kg bw/day (Worker)	
InhalativeDNEL Aigu-systémique53. <mark>4 mg/m3 (Worker)</mark>			
	DNEL Acute-local	13.3 mg/m3 (Consumer)	

· PNECs

107-46-0 hexamethyldisiloxane

PNEC Freshwater 0.002 mg/l (Undefind) 0.0002 mg/l (Undefind) PNEC Marine water

PNEC Freshwater sediment 0.37 mg/l(dry weight) (Undefind)

0.073 mg/kg (Undefind) **PNEC Soil**

PNEC Sewage Treatment Plant≥10 mg/l (Undefind)

PNEC Marine water sediment 0.037 mg/l(dry weight) (Undefind)

- · Additional information: The lists valid during the making were used as basis.
- · 8.2 Exposure controls
- · Appropriate engineering controlsNo further data; see section 7.
- · Individual protection measures, such as personal protective equipment
- · General protective and hygienic measures:

Wash hands before breaks and at the end of work.

General ventilation

· Respiratory protection:

Use suitable respiratory protective device in case of insufficient ventilation.

Filter A2/P2

· Hand protection

Solvent resistant gloves

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation (Contd. on page 5)

according to Regulation (EC) No 1907/2006, Article 31 (2020/878)

Printing date: 05.09.2024 Version: 7 (replaces version 6) Revision: 05.09.2024

Trade name: Ambiance Adhesive Remover

(Contd. of page 4)

· Material of gloves

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.

Nitrile rubber, NBR

Recommended thickness of the material: 0.5 mm

· Penetration time of glove material

For continuous contact we recommend gloves with breakthrough time of at least 240 minutes, with the preference given to a breakthrough time greater than 480 minutes. For short-term or splash guard we recommend the same. We are aware that suitable gloves that offer this level of protection may not be available. In that case, a shorter breakthrough time are acceptable as long as the procedures governing maintenance and timely replacement are followed. The thickness of the gloves is not a good measure of the resistance of the gloves against a chemical substance, because this depends on the exact composition of the material from which the gloves are made.

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

· Eye/face protection Safety glasses



Tightly sealed goggles

· Body protection:

Use protective suit. (EN-13034/6)

Fully skin-covering anti-static, chemical- and oil-resistant clothing and safety shoes are recommended. (EN1149; EN340&EN ISO 13688; EN13034-6).

-44.5 °C

• Environmental exposure controlsUse an appropriate container to avoid environmental pollution.

SECTION 9: Physical and chemical properties

- · 9.1 Information on basic physical and chemical properties
- · General Information

· Physical state Aerosol

· Colour: According to product specification

· Odour: Characteristic

Odour threshold:
 Melting point/freezing point:

Not determined.
Undetermined.

• Metting point/freezing point:
• Boiling point or initial boiling point and boiling

Undetermined.

Botting point of initial botting point and botting

range · Flammability

Flammability
Lower and upper explosion limit
1 5 Vol %

Lower and upper explosion limit
Lower:
Upper:
1.5 Vol %
10.9 Vol %

· Upper: · Flash point: -97 °C

· Ignition Temperature 340 °C · pH Mixture is non-polar/aprotic.

Viscosity:Kinematic viscosityNot determined.

Dynamic: Not determined

Solubility
 water:
 Not miscible or difficult to mix.

water:
 Partition coefficient n-octanol/water (log value)
 Not determined.

· Partition coefficient n-octanol/water (log value) Not determine · Vapour pressure at 20 °C: 2100 hPa

(Contd. on page 6)

according to Regulation (EC) No 1907/2006, Article 31 (2020/878)

Printing date: 05.09.2024 Version: 7 (replaces version 6) Revision: 05.09.2024

Trade name: Ambiance Adhesive Remover

(Contd. of page 5)

· Density and/or relative density

Not determined. · Density: · Relative density Not determined. · Vapour density Not determined.

· 9.2 Other information

· Form: Aerosol

· Important information on protection of health and

environment, and on safety.

· Ignition temperature: Product is not selfigniting.

Product is not explosive. However, formation of · Explosive properties: explosive air/vapour mixtures are possible. · Organic solvents:

100.0 % · Solids content: 0.0 %

· Evaporation rate Not applicable.

Information with regard to physical hazard classes

 Explosives Void · Flammable gases Void · Aerosols

Extremely flammable aerosol. Pressurised container: · Oxidising gases

May burst if heated.

· Gases under pressure Void · Flammable liquids Void · 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 Void

Void gases in contact with water Void · Oxidising liquids

Void · Oxidising solids Void · Organic peroxides Void · Corrosive to metals Void · Desensitised explosives

SECTION 10: Stability and reactivity

- · 10.1 Reactivity No further relevant information available.
- · 10.2 Chemical stability
- · Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- · 10.3 Possibility of hazardous reactions No dangerous reactions known.
- 10.4 Conditions to avoid No further relevant information available.
- 10.5 Incompatible materials: No further relevant information available.
- · 10.6 Hazardous decomposition products: No dangerous decomposition products known.

SECTION 11: Toxicological information

- · 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008
- · Acute toxicityBased on available data, the classification criteria are not met.

· LD/LC50 val	uas ralavant	for clas	cification:

107-46-0 hexamethyldisiloxane

Oral LD50 >12224 mg/kg (Rat)

(Contd. on page 7)

according to Regulation (EC) No 1907/2006, Article 31 (2020/878)

Printing date: 05.09.2024 Version: 7 (replaces version 6) Revision: 05.09.2024

Trade name: Ambiance Adhesive Remover

(Contd. of page 6)

Dermal LD50 >2000 mg/kg (Rabbit)

InhalativeLC50 (4h)15956 mg/l (Rat)

- · Skin corrosion/irritationBased on available data, the classification criteria are not met.
- · Serious eye damage/irritationBased on available data, the classification criteria are not met.
- · Respiratory or skin sensitisationBased on available data, the classification criteria are not met.
- · Germ cell mutagenicityBased on available data, the classification criteria are not met.
- · CarcinogenicityBased on available data, the classification criteria are not met.
- · Reproductive toxicityBased on available data, the classification criteria are not met.
- · STOT-single exposureBased on available data, the classification criteria are not met.
- · STOT-repeated exposureBased on available data, the classification criteria are not met.
- · Aspiration hazardBased 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:

107-46-0 hexamethyldisiloxane

NOEC (21 days)0.08 mg/l (Daphnia magna)

EC50 (72h) >0.55 mg/l (Selenastrum capricornatum)

LC50 (96h) 0.46 mg/l (Onc) EC50 (48h) >0.93 mg/l (dap)

- · 12.2 Persistence and degradabilityNot easily biodegradable
- 12.3 Bioaccumulative potentialNo further relevant information available.
- 12.4 Mobility in soilNo further relevant information available.
- · 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
- · Remark: Very toxic for fish
- · Additional ecological information:
- · General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Also poisonous for fish and plankton in water bodies.

Very toxic for 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

HP3 Flammable

HP14 Ecotoxic

(Contd. on page 8)

according to Regulation (EC) No 1907/2006, Article 31 (2020/878)

Printing date: 05.09.2024 Version: 7 (replaces version 6) Revision: 05.09.2024

Trade name: Ambiance Adhesive Remover

(Contd. of page 7)

Uncleaned packaging:
Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information	
· 14.1 UN number or ID number · ADR, ADN, IMDG, IATA	UN1950
· 14.2 UN proper shipping name	
· ADR, ADN	UN1950 AEROSOLS, ENVIRONMENTALLY
· IMDG	HAZARDOUS
·IATA	AEROSOLS, MARINE POLLUTANT AEROSOLS, flammable
· 14.3 Transport hazard class(es)	ALNOSOLS, Italiinable
· ADR	
· Class	2 5F Gases.
· Label	2.1
· ADN	2.55
· ADN/R Class: · IMDG	2 5F
· Class	2.1 Gases.
· Label	2.1
·IATA	
· Class	2.1 Gases.
· Label	2.1
· 14.4 Packing group	
· ADR, IMDG, IATA	Void
· 14.5 Environmental hazards:	
· Marine pollutant:	Symbol (fish and tree)
Special marking (ADR):	Symbol (fish and tree)
14.6 Special precautions for userHazard identification number (Kemler code):	Warning: Gases. -
· EMS Number:	F-D,S-U
	(Contd. on page

according to Regulation (EC) No 1907/2006, Article 31 (2020/878)

Printing date: 05.09.2024 Version: 7 (replaces version 6) Revision: 05.09.2024

Trade name: Ambiance Adhesive Remover

	(Contd. of page 8
· Stowage Code	SW1 Protected from sources of heat. SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters. SG69 For AEROSOLS with a maximum capacity of 1 litre: Segregation as for class 9. Stow "separated from" class 1 except for division 1.4. For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2. For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class
· 14.7 Maritime transport in bulk according to IMO	2.
instruments	Not applicable.
· Transport/Additional information:	
· ADR · Excepted quantities (EQ) · Tunnel restriction code	Code: E0 Not permitted as Excepted Quantity D
· IMDG · Limited quantities (LQ) · Excepted quantities (EQ)	1L Code: E0 Not permitted as Excepted Quantity
· UN "Model Regulation":	UN 1950 AEROSOLS, 2.1, ENVIRONMENTALLY HAZARDOUS

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

P3a FLAMMABLE AEROSOLS

E2 Hazardous to the Aquatic Environment

- · Qualifying quantity (tonnes) for the application of lower-tier requirements 150 t
- · Qualifying quantity (tonnes) for the application of upper-tier requirements 500 t
- REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3
- · 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.

(Contd. on page 10)

according to Regulation (EC) No 1907/2006, Article 31 (2020/878)

Printing date: 05.09.2024 Version: 7 (replaces version 6) Revision: 05.09.2024

Trade name: Ambiance Adhesive Remover

(Contd. of page 9)

· Regulation (EC) No 273/2004 on drug precursors

None of the ingredients is listed.

· 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:
- · Breakdown regulations:

ClassS	hare in %
NK	10 0 .00 0

- · VOC-CH 20.00 %
- · VOC-EU
- · Danish MAL Code 1-1
- · 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

H220 Extremely flammable gas.

H225 Highly flammable liquid and vapour.

H280 Contains gas under pressure; may explode if heated.

H411 Toxic to aquatic life with long lasting effects.

EUH018In use may form flammable/explosive vapour-air mixture.

· Classification according to Regulation (EC) No 1272/2008

Physical and chemical properties: The classification is based on the results of the mixtures tested. Health hazards, Environmental hazards: The method of classification of mixtures based on the constituents of the mixture (sum formula).

- · Contact:ing. J. Smidt
- · Date of previous version:05.09.2024
- · Version number of previous version:6
- · 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)

MAL-Code: Måleteknisk Arbejdshygiejnisk Luftbehov (Regulation for the labeling concerning inhalation hazards, Denmark)

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

ATE: Acute toxicity estimate values

Flam. Gas 1A: Flammable gases - Category 1A

Aerosol 1: Aerosols – Category 1

Press. Gas (Comp.): Gases under pressure – Compressed gas

Flam. Liq. 2: Flammable liquids – Category 2

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2