SILICONE SEALANT LB-AX

SAFETY DATA SHEET

Compiled in accordance with REACH Regulation (EC) No 1907/2006, as retained and amended in UK law

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

1.1. Product identifier

Product form	:	Mixture
Trade name	:	Silicone Sealant LB-AX
Product code	:	Ford Internal Ref.: 506377
SDS Number	:	9604
Product use	:	Professional use

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

1.2.1. Relevant identified uses

Function or use category	:	Adhesives, sealants

1.2.2. Uses advised against

Restrictions on use	:	None known

1.3. Details of the supplier of the safety data sheet

Supplier
Ford-Werke GmbH
Edsel-Ford-Str. 2-14
50769 Köln
Deutschland
Tel.: +49-221 99 99 29 99
sdseu@ford.com

Distributor
Ford Motor Company Ltd.
Parts Distribution Centre
Royal Oak Way South
NN11 8NT Daventry, Northants
United Kingdom
Tel +44 1327 305 198

1.4. Emergency telephone number

+49 (0) 6132-84463 (GBK GmbH – 24/7)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

This mixture does not meet the criteria for classification according to Regulation (EC) 1272/2008 as amended.

2.2. Label elements

Labelling according to The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations

EUH-statements	EUH208 - Contains 3-aminopropyltriethoxysilane, Trimethoxyvinylsilane. May produce an allergic reaction. EUH210 - Safety data sheet available on request.

2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII.
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII.

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not 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 at a concentration equal to or greater than 0,1 %

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical name	CAS- No EC- No Index No RRN	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Notes
1,1,1,3,3,3- Hexamethyldisilazane	999-97-3 213-668-5 01-2119438176-38-XXXX	0,1 -< 1	Flam. Liq. 2, H225 Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg bodyweight) Acute Tox. 3 (Dermal), H311 (ATE=300 mg/kg bodyweight) Acute Tox. 4 (Inhalation), H332 (ATE=11 mg/l) Aquatic Chronic 3, H412	
3-aminopropyltriethoxysilane	919-30-2 213-048-4 612-108-00-0 01-2119480479-24-XXXX	0,1 -< 1	Acute Tox. 4 (Oral), H302 (ATE=1490 mg/kg bodyweight) Skin Corr. 1B, H314 Skin Sens. 1B, H317	
Hexamethyldisiloxane	107-46-0 203-492-7 01-2119496108-31-XXXX	0,1 -< 1	Flam. Liq. 2, H225 Aquatic Acute 1, H400 (M=1.0) Aquatic Chronic 2, H411	
Trimethoxyvinylsilane	2768-02-7 220-449-8 014-049-00-0 01-2119513215-52-XXXX	0,1 -< 1	Flam. Liq. 3, H226 Acute Tox. 4 (Inhalation), H332 (ATE=11 mg/l) Skin Sens. 1B, H317	
octamethylcyclotetrasiloxane; [D4]	556-67-2 209-136-7 014-018-00-1 01-2119529238-36-XXXX	0,01 -< 0,1	vPvB, EUH441 Flam. Liq. 3, H226 Repr. 2, H361f Aquatic Chronic 1, H410 (M=10)	PBT (Article 57d), vPvB substance listed as REACH Candidate

Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Never give anything by mouth to an unconscious person.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a poison center or a doctor.

First-aid measures after skin contact : Gently wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.

First-aid measures after eye contact : Remove contact lenses, if present and easy to do. Continue rinsing. Immediately flush eyes thoroughly with water for at least 15 minutes. Consult an ophthalmologist if irritation persists.

First-aid measures after ingestion : Rinse mouth out with water. Do not induce vomiting. Drink plenty of water. Call a poison center or a doctor if you feel unwell.

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

Symptoms/effects: : May produce an allergic reaction.

Symptoms/effects after skin contact : Contact during a long period may cause light irritation.

Symptoms/effects after eye contact : Exposure may cause temporary irritation, redness, or discomfort.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray. Carbon dioxide. Dry powder. Foam.

Unsuitable extinguishing media : Do not use a water jet since it may cause the fire to spread.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : Toxic fumes may be released. Carbon oxides (CO, CO2). Nitrogen oxides. Silicon dioxide.

5.3. Advice for firefighters

Firefighting instructions : Prevent runoff from entering water courses, sewers and basements. Move containers from fire area if it can be done without personal risk. Keep unnecessary personnel away. In case of fire: stop leak if safe to do so.

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Ensure adequate ventilation. Avoid dust formation. Avoid contact with skin and eyes. Do not touch or walk on the spilled product. Keep unnecessary personnel away.

6.1.1. For non-emergency personnel

Protective equipment : For personal protection, see section 8 of the SDS.

Emergency procedures : Ventilate spillage area.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment. Avoid discharge into drains, water courses or onto the ground.

6.3. Methods and material for containment and cleaning up

For containment : Collect spillage.

Methods for cleaning up : Take up mechanically (sweeping, shovelling) and collect in suitable container for disposal.

Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For disposal of residues refer to section 13 :" Disposal considerations".

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment.

Hygiene measures : Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Store in a dry, well ventilated place away from sources of heat, ignition and direct sunlight.

Storage conditions : Store in a well-ventilated place. Keep cool.

Incompatible products : Keep away from open flames, hot surfaces and sources of ignition. Acids. Oxidising agents. alkalis.

Incompatible materials : Incompatible with water, humid air.

Special rules on packaging : Keep only in original container.

7.3. Specific end use(s)

Adhesives, sealants.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. National occupational exposure and biological limit values

Exposure limit values for the other components

Limestone (1317-65-3)	
United Kingdom - Occupational Exposure Limits	
Local name	Calcium carbonate (Limestone, Marble)
WEL TWA (OEL TWA)	10 mg/m³ total inhalable 4 mg/m³ respirable
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

Calcium carbonate (471-34-1)	
United Kingdom - Occupational Exposure Limits	
Local name	Calcium carbonate
WEL TWA (OEL TWA)	10 mg/m³ Inhalable fraction
	4 mg/m³ respirable
Regulatory reference	EH40. HSE

Silane, dichlorodimethyl-, reaction products with silica (68611-44-9)	
United Kingdom - Occupational Exposure Limits	
WEL TWA (OEL TWA)	6 mg/m³ inhalable aerosol
WEL STEL (OEL STEL)	2.4 mg/m³ respirable aerosol

Carbon black (1333-86-4)	
United Kingdom - Occupational Exposure Limits	
Local name	Carbon black
WEL TWA (OEL TWA)	3.5 mg/m³
WEL STEL (OEL STEL)	7 mg/m³
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

1,1,1,3,3,3- Hexamethyldisilazane (999-97-3)	
DNEL/DMEL (Workers)	
Acute - systemic effects, inhalation	53 mg/m³
Acute - local effects, inhalation	133 mg/m³
Long-term - systemic effects, dermal	7.5 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	53 mg/m³
Long-term - local effects, inhalation	133 mg/m³
PNEC (Water)	
PNEC aqua (freshwater)	0.12 mg/l
PNEC aqua (marine water)	0.012 mg/l
PNEC aqua (intermittent, freshwater)	1.2 mg/l

PNEC (Sediment)

PNEC sediment (freshwater)	0.97 mg/kg dwt
PNEC sediment (marine water)	0.097 mg/kg dwt

PNEC (Soil)

PNEC soil	0.12 mg/kg dwt

PNEC (STP)

PNEC sewage treatment plant	66.7 mg/l

3-aminopropyltriethoxysilane (919-30-2)

DNEL/DMEL (Workers)

Long-term - systemic effects, dermal	2 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	14 mg/m³

DNEL/DMEL (General population)

Long-term - systemic effects,oral	1 mg/kg bw/day
Long-term - systemic effects, inhalation	3.5 mg/m³
Long-term - systemic effects, dermal	1 mg/kg bodyweight/day

PNEC (Water)

PNEC aqua (freshwater)	0.5 mg/l
PNEC aqua (marine water)	0.05 mg/l
PNEC aqua (intermittent, freshwater)	2.05 mg/l

PNEC (Sediment)

PNEC sediment (freshwater)	1.8 mg/kg dwt
PNEC sediment (marine water)	0.18 mg/kg dwt

PNEC (Soil)

PNEC soil	0.069 mg/kg dwt

PNEC (STP)

PNEC sewage treatment plant	0.81 mg/l

Hexamethyldisiloxane (107-46-0)

DNEL/DMEL (Workers)

Long-term - systemic effects, dermal	333 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	53.4 mg/m³

DNEL/DMEL (General population)

Long-term - systemic effects,oral	0.27 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	13.3 mg/m³
Long-term - systemic effects, dermal	167 mg/kg bodyweight/day

PNEC (Water)

PNEC aqua (freshwater)	0.003 mg/l
PNEC aqua (marine water)	0
PNEC aqua (intermittent, freshwater)	0.003

PNEC (Sediment)

PNEC sediment (freshwater)	8.9 mg/kg dwt
PNEC sediment (marine water)	0.89 mg/kg dwt

PNEC (Soil)

PNEC soil	0.14 mg/kg dwt

PNEC (Oral)

PNEC oral (secondary poisoning)	5.3 kg/kg food

PNEC (STP)

PNEC sewage treatment plant	8.9 mg/l

Trimethoxyvinylsilane (2768-02-7)

DNEL/DMEL (Workers)

Acute - systemic effects, inhalation	73.6 mg/m³
Long-term - systemic effects, dermal	0.91 mg/kg bw/day
Long-term - systemic effects, inhalation	27.6 mg/m³

DNEL/DMEL (General population)

Acute - systemic effects, inhalation	54.4 mg/m³
Long-term - systemic effects,oral	0.63 mg/kg bw/day
Long-term - systemic effects, inhalation	6.8 mg/m³
Long-term - systemic effects, dermal	0.63 mg/kg bw/day

PNEC (Water)

PNEC aqua (freshwater)	0.4 mg/l
PNEC aqua (marine water)	0.04 mg/l
PNEC aqua (intermittent, freshwater)	1.21 mg/l

PNEC (Sediment)

PNEC sediment (freshwater)	1.5 mg/kg dwt
PNEC sediment (marine water)	0.15 mg/kg dwt

PNEC (Soil)

PNEC soil	0.061 mg/kg dwt

PNEC (STP)

PNEC sewage treatment plant	1.5 mg/kg bw/day

octamethylcyclotetrasiloxane; [D4] (556-67-2)

DNEL/DMEL (Workers)

Acute - systemic effects, inhalation	73 mg/m³
Acute - local effects, inhalation	73 mg/m³
Long-term - systemic effects, inhalation	73 mg/m³
Long-term - local effects, inhalation	73 mg/m³

DNEL/DMEL (General population)

Acute - systemic effects, inhalation	13 mg/m³
Acute - systemic effects, oral	3.7 mg/kg bodyweight
Acute - local effects, inhalation	13 mg/m³
Long-term - systemic effects,oral	3.7 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	13 mg/m³
Long-term - local effects, inhalation	13 mg/m³

PNEC (Water)

PNEC aqua (freshwater)	1.5 µg/L

PNEC aqua (marine water)	0.15 µg/L

PNEC (Sediment)

PNEC sediment (freshwater)	3 mg/kg dwt
PNEC sediment (marine water)	0.3 mg/kg dwt

PNEC (Soil)

PNEC soil	4.2 mg/kg dwt

PNEC (Oral)

PNEC oral (secondary poisoning)	41 mg/kg food

PNEC (STP)

PNEC sewage treatment plant	10 mg/l

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:
Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions.

8.2.2. Personal protection equipment

Personal protective equipment:
Personal protective equipment should be chosen according to the CEN standards and in discussion with the supplier of the protective equipment.

8.2.2.1. Eye and face protection

Eye protection:
EN 166. Safety glasses with side shields

8.2.2.2. Skin protection

Skin and body protection:
Wear suitable protective clothing. EN ISO 13982. EN 14605

Hand protection:
Protective gloves. DIN ISO 374. The recommendation is only valid for the supplied product and the stated application. Special working conditions, like heat or mechanical strain, which deviate from the test conditions, can reduce the protective effect provided by the recommended glove

Material	Permeation	Thickness (mm)	Comments
Nitrile rubber (NBR)	6 (> 480 minutes)	0,4	Glove recommendation: Camatril Velours® 730 (Kächele-Cama GmbH, source of supply see www.kcl.de) or comparable product.
In case of splash contact: Nitrile rubber (NBR)	6 (> 480 minutes)	0,4	Glove recommendation: Camatril Velours® 730 (Kächele-Cama GmbH, source of supply see www.kcl.de) or comparable product.

8.2.2.3. Respiratory protection

Respiratory protection:
In case of insufficient ventilation, wear suitable respiratory equipment. Filter type: A. EN 14387

8.2.2.4. Thermal hazards

Thermal hazard protection:
Wear appropriate thermal protective clothing, when necessary.

8.2.3. Environmental exposure controls

Environmental exposure controls:
Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	:	Solid

Colour	:	Black.
Appearance	:	Paste.
Odour	:	alcoholic.
Odour threshold	:	Not available
Melting point	:	Not available
Freezing point	:	Not applicable
Boiling point	:	> 350 °C
Flammability	:	Not flammable
Explosive limits	:	Not applicable
Lower explosive limit (LEL)	:	Not applicable
Upper explosive limit (UEL)	:	Not applicable
Flash point	:	> 100 °C
Auto-ignition temperature	:	Not applicable
Decomposition temperature	:	Not applicable
pH	:	Not applicable
pH solution	:	Reacts with water
Viscosity, kinematic	:	Not applicable
Solubility	:	Reacts with water.
Log Kow	:	Not available
Vapour pressure	:	< 5 mm Hg @ 25°C
Vapour pressure at 50°C	:	Not available
Density	:	1.4 g/cm³
Relative density	:	Not available
Relative vapour density at 20°C	:	Not applicable
Particle size	:	Not available
Particle size distribution	:	Not available
Particle shape	:	Not available
Particle aspect ratio	:	Not available
Particle aggregation state	:	Not available
Particle agglomeration state	:	Not available
Particle specific surface area	:	Not available
Particle dustiness	:	Not available

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

VOC content	:	< 5 %
Bulk density	:	1.38 – 1.44 g/cm³

SECTION 10: Stability and reactivity

10.1. Reactivity

Reacts with water. Reacts with : Strong acids, strong oxidants. Strong bases.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7). Avoid heat, sparks, open flames and other ignition sources. Avoid contact with : Acids, Water, humidity, Alkalines.

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced. During fire, gases hazardous to health may be formed. Carbon oxides (CO, CO2). Nitrogen oxides. Silicon oxides.

SECTION 11: Toxicological information

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

Acute toxicity (oral) : Based on available data, the classification criteria are not met
Acute toxicity (dermal) : Based on available data, the classification criteria are not met
Acute toxicity (inhalation) : Based on available data, the classification criteria are not met

1,1,1,3,3,3- Hexamethyldisilazane (999-97-3)	
LD50 oral rat	847 mg/kg
LD50 dermal rabbit	544 mg/kg bodyweight
LC50 Inhalation - Rat [ppm]	1516 ppm
LC50 Inhalation - Rat (Vapours)	10.1 mg/l/4h

3-aminopropyltriethoxysilane (919-30-2)	
LD50 oral rat	1490 mg/kg bodyweight

Skin corrosion/irritation : Based on available data, the classification criteria are not met
pH: Not applicable
Serious eye damage/irritation : Based on available data, the classification criteria are not met
pH: Not applicable
Respiratory or skin sensitisation : Based on available data, the classification criteria are not met
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 : Based on available data, the classification criteria are not met
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

Silicone Sealant LB-AX	
Viscosity, kinematic	Not applicable

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

Adverse health effects caused by endocrine disrupting properties : The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not 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 at a concentration equal to or greater than 0,1 %

11.2.2. Other information

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
Hazardous to the aquatic environment, short–term (acute) : Based on available data, the classification criteria are not met
Hazardous to the aquatic environment, long–term (chronic) : Based on available data, the classification criteria are not met

1,1,1,3,3,3- Hexamethyldisilazane (999-97-3)

LC50 - Fish [1]	88 mg/l 96h; Brachydanio rerio (zebra-fish), (OECD 203 method)
EC50 - Crustacea [1]	80 mg/l 48h; Daphnia magna (Water flea), (OECD 202 method)
EC50 72h - Algae [1]	50 mg/l Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)Test method

	EU C.3

Hexamethyldisiloxane (107-46-0)

LC50 - Fish [1]	0.46 mg/l @96 h; Oncorhynchus mykiss (Rainbow trout)
NOEC chronic fish	0.08 mg/l 21 d; Daphnia magna (Water flea); (OECD 211 method)

octamethylcyclotetrasiloxane; [D4] (556-67-2)

LC50 - Fish [1]	> 0.022 mg/l Oncorhynchus mykiss (Rainbow trout)
EC50 - Crustacea [1]	0.015 mg/l Daphnia magna (Water flea)
NOEC chronic fish	> 0.0044 mg/l Oncorhynchus mykiss (Rainbow trout)
NOEC chronic crustacea	> 0.0015 mg/l Daphnia magna (Water flea)

12.2. Persistence and degradability

Hexamethyldisiloxane (107-46-0)

Persistence and degradability	(OECD 301C method).
Biodegradation	2 %

octamethylcyclotetrasiloxane; [D4] (556-67-2)

Persistence and degradability	(OECD 310 method).
Biodegradation	3.7 % (29 d), (OECD 310 method)

12.3. Bioaccumulative potential

3-aminopropyltriethoxysilane (919-30-2)

Log Pow	1.7 @ 20°C

Hexamethyldisiloxane (107-46-0)

BCF - Fish [1]	776 – 2410 @ 70d
Log Pow	5.06 @ 20°C

Trimethoxyvinylsilane (2768-02-7)

Log Kow	1.1

octamethylcyclotetrasiloxane; [D4] (556-67-2)

BCF - Fish [1]	14900 l/kg
Log Pow	6.98 @ 21,7 °C

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

Silicone Sealant LB-AX

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII.

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII.

12.6. Endocrine disrupting properties

Adverse effects on the environment caused by endocrine disrupting properties : The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not 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 at a concentration equal to or greater than 0,1 %

12.7. Other adverse effects

Other adverse effects : No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this product

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional waste regulation	:	Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions). Dispose of in accordance with local regulations.
Waste treatment methods	:	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with licensed collector's sorting instructions.
Sewage disposal recommendations	:	Do not allow this material to drain into sewers/water supplies.
Product/Packaging disposal recommendations	:	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken for recycling, recovery or waste in accordance with local regulation.
Additional information	:	Disposal must be done according to official regulations.
European List of Waste (LoW, EC 2000/532)	:	08 04 10 - waste adhesives and sealants other than those mentioned in 08 04 09 15 01 10* - packaging containing residues of or contaminated by dangerous substances

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID
Not regulated for transport

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

EU restriction list (REACH Annex XVII)

Reference code	Applicable on
3(a)	Hexamethyldisiloxane ; Trimethoxyvinylsilane ; octamethylcyclotetrasiloxane; [D4]
3(b)	3-aminopropyltriethoxysilane ; Trimethoxyvinylsilane ; octamethylcyclotetrasiloxane; [D4]
3(c)	Hexamethyldisiloxane ; octamethylcyclotetrasiloxane; [D4]
70.	octamethylcyclotetrasiloxane; [D4]

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)
Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)
Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

VOC content	:	< 5 %
Other information, restriction and prohibition regulations	:	Directive 92/85/EEC on the safety and health of pregnant workers and workers who have recently given birth or are breastfeeding as amended. Directive 94/33/EC on the protection of young people at work, as amended. Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work, as amended. For details, refer to section 3 and 8.

Directive 2012/18/EU (SEVESO III)

Seveso Additional information	:	Not applicable

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes:
Section 1. Section 3. SECTION 5. SECTION 6. SECTION 8. Section 9. SECTION 11. SECTION 12. SECTION 13. SECTION 15.

Abbreviations and acronyms

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor

BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
COD	Chemical oxygen demand (COD)
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC-No.	European Community number
EC50	Median effective concentration
EN	European Standard
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
OEL	Occupational Exposure Limit
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STP	Sewage treatment plant
ThOD	Theoretical oxygen demand (ThOD)
TLM	Median Tolerance Limit
VOC	Volatile Organic Compounds
CAS-No.	Chemical Abstracts Service number
N.O.S.	Not Otherwise Specified
vPvB	Very Persistent and Very Bioaccumulative
ED	Endocrine disruptor

Data sources : 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.

Full text of H- and EUH-statements

Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3
Flam. Liq. 2	Flammable liquids, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
Repr. 2	Reproductive toxicity, Category 2
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B
Skin Sens. 1B	Skin sensitisation, category 1B
vPvB	Very persistent and very bioaccumulative
EUH441	Strongly accumulates in the environment and living organisms including in humans.
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H332	Harmful if inhaled.
H361f	Suspected of damaging fertility.

H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH208	Contains 3-aminopropyltriethoxysilane, Trimethoxyvinylsilane. May produce an allergic reaction.
EUH210	Safety data sheet available on request.

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

Attachment to the Safety Data Sheet

Trade name: Silicone Sealant LB-AX

Ford Internal Ref.: 506377 **Revision Date:** 24.09.2026

Involved Products:

	Finiscode	Part Number	Packaging
1	2 633 427	NU7J M4G323 AB	50 ml