

SAFETY DATA SHEET

According to directive EC/1907/2006, 2015/830

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Version 1.2

Revision Date: 14-01-2019

Print Date: 9-2-2022

Trade name: Silicone ASSYST 6007 - hardener

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

1.1 Product identification:

Product name: Silicone ASSYST 6007 - hardener

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

Usage: Hardener. Catalyst.

1.3 Details of the supplier of the safety data sheet

Responsible distributor : ASSYST bvba / A.S.O.W. bvba
Hellegatstraat 13a
2590 Berlaar
Belgium
Tel: +32 495 50 61 14 / +32 496 83 70 27
Website: www.assyst.org / www.artsuppliesonweb.com
Email: ao@assyst.org / vera.opsommer@assyst.org

1.4 Emergency telephone number:

For Belgium:

Call the **Poison Control Center (070 245 245 - free)**, if not available: **02 264 96 30** (normal rate) or your doctor. In life-threatening situations, always call the European emergency number **112**.

NHS 24 Direct

For help from a GP, visit your GP surgery's website, use an online service to contact your GP, or call the surgery. **For urgent medical help**, use the NHS 111 online service, or **call 111** if you are unable to get help online. **For life-threatening emergencies, call 999** for an ambulance. There is more information about getting medical help on the NHS website.

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture:

Classification according to Directive (EC) No 1272/2008 and its amendments.

The product is classified according to the applicable legislation.

Classification in accordance with Regulation (EC) No 1272/2008 as amended.

Health hazards

Muta. 2: Suspected of causing genetic damage.

Repr. 1B: May damage fertility or the unborn child

STOT RE 1: Causes damage to organs through prolonged or repeated exposure.

2.2 Label elements:

Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS]:

Contains: Dibutyltin dilaurate, dibutyl [bis (dodecanoyloxy)] stannane



Hazard pictograms:

Signal word:

Danger.

Indications of danger:

H341 Suspected of causing genetic damage.

H360 May damage fertility or the unborn child

H372 Causes damage to organs through prolonged or repeated exposure.

Precautions

Prevention:

P201 Consult special instructions before use.

P260 Do not breathe dust / fumes / gas / vapour / spray.

P264 Wash hands thoroughly after handling.

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P280 Wear protective gloves / protective clothing / eye protection / face protection.

P314 If you feel unwell, seek medical advice.

P501 Dispose of contents/container in accordance with local regulations.

Action:

P308 + P313 IF exposed or liable to be exposed: Call a doctor.

EUH statements:

Limited to professional users.

2.3 Other hazards:

Under normal conditions of use and in its original form, the product itself does not present any other risk to health and the environment.

SECTION 3: Composition and information on ingredients

3.2 Mixtures:

Substances presenting a health or environmental hazard in accordance with Regulation (EC) No 1272/2008, assigned a Community workplace exposure limit, classified as PBT/vPvB or included in the candidate list:

Identifiers	Name	Concentrate	(*)Classification - Regulation (EC) No 1272/2008	
			Classification	specific concentration limit
Index No: 050-030-00-3 CAS No: 77-58-7 EC No: 201-039-8 Registration REACH No: 01-2119496068-27-XXXX	Dibutyltin dilaurate, dibutyl[bis(dodecanoyloxy)]stannane	10 - 25 %	Muta. 2, H341 - Repr. 1B, H360 - STOT RE 1, H372	-
CAS No: 2996-92-1 EC No: 221-066-9 Registration REACH No: 01-2119964479-19-XXXX	[1] Phenyltrimethoxysilane	1 - 10 %	Acute Tox. 4, H302 - Flam. Liq. 3, H226 - STOT RE 2, H373	-
Index No: 603-001-00-X CAS No: 67-56-1 EC No: 200-659-6 Registration REACH No: 01-2119433307-44-XXXX	[1] methanol	0 - 3 %	Acute Tox. 3 *, H311 - Acute Tox. 3 *, H331 - Acute Tox. 3 *, H301 - Flam. Liq. 2, H225 - STOT SE 1, H370 **	STOT SE 1, H370: C ≥ 10 % STOT SE 2, H371: 3 % ≤ C < 10 %
CAS No: 17865-54-2	[1] Cyclohexyltrimethoxysilane	0 - 2.5 %	Acute Tox. 4, H302	-

(*) The full text of the H phrases can be found in Section 16 of this safety data sheet.

* See Regulation (EC) No 1272/2008, Annex VI, point 1.2.

[1] Substance with a community workplace exposure limit (see section 8.1).

SECTION 4: First aid measures

4.1 Description of first aid measures:

Delayed effects may occur after exposure to the product.

Inhalation.

Take the victim into the open air; keep them warm and calm. If breathing is irregular or stops, administer artificial respiration.

Eye contact.

Remove contact lenses, if present and easy to do. Wash the eyes with plenty of clean, cold water for at least 10 minutes while pulling up the eyelids and seeking medical attention.

Skin contact.

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Remove contaminated clothing. Wash the skin vigorously with soap and water or a suitable skin cleanser. NEVER use solvents or thinners.

Ingestion.

Get medical attention immediately if it is accidentally swallowed. Remain calm. NEVER induce vomiting.

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

Prolonged chronic exposure can lead to injury to certain organs or tissues.

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

Get medical attention if in doubt or if the symptoms of feeling unwell persist. Never administer anything by mouth to an unconscious person. Keep the person comfortable. Turn him/her over to the left side and stay there while waiting for medical attention.

SECTION 5: Fire-fighting measures

The product poses no particular risk in the event of fire.

5.1 Extinguishing media:

Suitable extinguishing media:

Fire extinguisher powder or CO₂. For more serious fires also alcohol-resistant foam and water spray.

Unsuitable extinguishing media:

Do not use direct water flow for extinguishing. Do not use water or foam as an extinguishing agent in the presence of electrical voltage.

5.2 Special hazards arising from the substance or mixture

Special risks.

Fire can cause thick, black smoke. Thermal decomposition can produce dangerous products: carbon monoxide, carbon dioxide. Exposure to combustion or decomposition products may be harmful to your health.

5.3 Advice for firefighters:

Use water to cool tanks, cisterns or containers close to a heat source or fire. Take wind direction into account. Prevent products used to fight the fire from entering drains, sewers or watercourses. Follow the instructions in the emergency or fire evacuation plan, if available.

Fire protection equipment.

Depending on the size of the fire, it may be necessary to wear protective clothing against the heat, individual respirators, gloves, goggles or face masks and boots. During extinguishing and depending on the size and proximity of the fire, additional protective equipment may be required, such as chemical protection gloves, heat reflective suits or gas tight suits.

SECTION 6: Accidental release measures for the substance or mixture

6.1 Personal precautions, protective equipment and emergency procedures:

For exposure control and individual protection measures, see section 8.

6.2 Environmental precautions:

Prevent contamination of drains, surface or underground water and soil.

6.3 Methods and material for containment and cleaning up

Collect the spill with non-combustible absorbent materials (earth, sand, vermiculite, diatomite, etc.). Pour the product and absorbent into a suitable container. The contaminated area should be cleaned immediately with a suitable decontaminator.

Pour the decontaminator on the residue in an opened container and leave it for several days until no further reaction occurs.

6.4 Reference to other sections:

For exposure control and individual protection measures, see section 8.

Follow the recommendations under section 13 for subsequent disposal.

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SECTION 7: Handling and storage:

7.1 Precautions for safe handling

For personal protection, see section 8.

Smoking, eating and drinking should be prohibited in the area of application.

Follow the legislation on health and safety at work.

Never use pressure to empty the containers. They are not pressure-resistant containers. Store the product in containers made of a material identical to the original.

7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local legislation. Follow the instructions on the label. Store the containers between 5 and 35°C, in a dry and well-ventilated place, away from heat sources and direct sunlight. Keep away from ignition points. Keep away from

oxidising agents and from highly acidic or alkaline materials. Do not smoke. Prevent access by unauthorised persons. Once open, containers must be carefully closed and placed vertically to avoid spillage.

The product is not affected by Directive 2012/18 / EU (SEVESO III).

7.3 Specific end use:

Not available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters:

Occupational Exposure Limits:

Name	CAS No.	Country	Limit value	ppm	mg/m ³
Phenyltrimethoxysilane	2996-92-1	United Kingdom [1]	Eight hours	200	
			Short term	250	
methanol	67-56-1	European Union [2]	Eight hours	200 (skin)	260 (skin)
			Short term		
		United Kingdom [1]	Eight hours	200	266
			Short term	250	333
		United States [3] (Cal/OSHA)	Eight hours	200	
			Short term	250 (Ceiling) 1000	
		United States [4] (NIOSH)	Eight hours	200	
			Short term	250	
United States [5] (OSHA)	Eight hours	200	260		
	Short term				
Cyclohexyltrimethoxysilane	17865-54-2	United Kingdom [1]	Eight hours	200	
			Short term	250	

[1] List of corresponding limit values (IOELV) in the 2nd indicative occupational exposure recommended by the Health and Safety Executive.

[2] According to both the binding occupational exposure limit values (BOELVs) and the indicative occupational exposure limit values (IOELVs) adopted by the Scientific Committee for Occupational Exposure Limits to Chemical Agents (SCOEL).

[3] California Division of Occupational Safety and Health (Cal / OSHA) Permissible Exposure Limits (PELs).

[4] According to a compendium of policy documents and statements adopted by the National Institute for Occupational Safety and Health (NIOSH).

[5] In accordance with occupational health and safety standards and the US Code of Federal Regulations, adopted by the US Occupational Safety and Health Administration (OSHA).

The product contains NO substances with biological limits.

Concentration levels DNEL / DMEL:

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Name	DNEL/DMEL	Type	Value
methanol CAS No: 67-56-1 EC No: 200-659-6	DNEL (Workers)	Inhalation, Long-term, Local effects	260 (mg/m ³)
	DNEL (General population)	Inhalation, Long-term, Local effects	50 (mg/m ³)
	DNEL (Workers)	Inhalation, Long-term, Systemic effects	260 (mg/m ³)
	DNEL (General population)	Inhalation, Long-term, Systemic effects	50 (mg/m ³)
	DNEL (Workers)	Dermal, Long-term, Systemic effects	40 (mg/kg bw/day)
	DNEL (General population)	Dermal, Long-term, Systemic effects	8 (mg/kg bw/day)
	DNEL (Workers)	Dermal, Acute, Systemic effects	40 (mg/kg bw/day)
	DNEL (General population)	Dermal, Acute, Systemic effects	8 (mg/kg bw/day)

DNEL: Derived No Effect Level, level of exposure to the substance below which no adverse effect is expected.

DMEL: Derived minimum effect level, exposure level corresponding to a low risk, which should be regarded as an acceptable minimum.

Concentration levels PNEC:

Name	Details	Value
methanol CAS No: 67-56-1 EC No: 200-659-6	aqua (freshwater)	20,8 (mg/L)
	aqua (marine water)	2,08 (mg/L)
	aqua (intermittent releases)	1540 (mg/L)
	STP	100 (mg/L)
	sediment (freshwater)	77 (mg/kg sediment dw)
	sediment (marine water)	7,7 (mg/kg sediment dw)
	soil	3,18 (mg/kg soil dw)

PNEC: Predicted No Effect Concentration, concentration of the substance below which no adverse effect is expected in the environmental compartment.

8.2 Exposure controls:

Appropriate Technical Measures:

Ensure adequate ventilation, which can be achieved by using good local exhaust ventilation and a good general exhaust system.

Individual protection measures, such as personal protective equipment:

Respiratory protection:

PPE: filter mask to protect against gases and particles.

Characteristics: "CE" marking, category III. The mask must have a wide field of vision and an anatomically designed shape in order to be sealed and waterproof.

CEN standards: EN 136, EN 140, EN 405

Maintenance: Must not be stored in areas exposed to high temperatures and humid environments before use.

Special attention should be paid to the condition of the inhalation and exhalation valves in the face adapter.

Notes: Carefully read the manufacturer's instructions regarding the use and maintenance of the equipment. Fit the necessary filters to the equipment according to the specific nature of the risk (particles and aerosols: P1-P2-P3, gases and vapours: A-B-E-K-AX), change them as advised by the manufacturer.

Filter type required: A2

Hand protection:

PPE: Protective gloves against chemicals.

Characteristics: "CE" marking, category III.

CEN standards: EN 374-1, En 374-2, EN 374-3, EN 420

Care: Store in a dry place, away from heat sources and avoid exposure to sunlight. Do not make any changes to the gloves that may alter their resistance, or any paints, solvents or adhesives.

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Notes: Gloves must be the right size and fit the user's hand well, not too loose or too tight. Always use with clean, dry hands.

Material: PVC (polyvinyl chloride)

Breakthrough time (min.): > 480

Thickness of the material (mm): 0,35

Eye protection:

PPE: Safety goggles with integrated frame.

Features: "CE" marking, category II. Eye protection with built-in frame for protection against dust, smoke, fog and vapour.

CEN standards: EN 165, EN 166, EN 167, EN 168

Maintenance: Vision through lenses must be ideal. Therefore, these parts should be cleaned daily. Protectors should be disinfected periodically according to the manufacturer's instructions.

Notes: Some signs of wear are: yellow discolouration of the lenses, superficial scratches on the lenses, scraping etc.

Skin protection:

PPE: anti-static protective clothing.

Characteristics: 'CE' marking, category II. Protective clothing must not be too tight or too loose in order not to impede the user's movements.

CEN standards: EN 340, EN 1149-1, EN 1149-2, EN 1149-3, EN 1149-5

Maintenance: Follow the manufacturer's washing and maintenance instructions to ensure uniform protection.

Remarks: The protective clothing must provide a level of comfort corresponding to the level of protection provided in terms of the danger it protects against, taking into account the ambient conditions, the activity level of the user and the expected time of use.

PPE: anti-static safety footwear.

Characteristics: "CE" marking, category II.

CEN standards: EN ISO 13287, EN ISO 20344, EN ISO 20346

Maintenance: The footwear should be checked regularly

Notes: The comfort level during use and acceptability are factors that are judged very differently depending on the user. Therefore, it is advisable to try out different shoe models and, if possible, different widths.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties:

Appearance:	liquid
Colour:	Yellowish
Odour:	n/a.
Odour threshold:	N.A./N.A.
pH:	n/a
Melting point:	N.A./N.A.
Boiling point:	76°C
Flash point:	69°C
Evaporation rate	n/a.
Flammability (solid, gas)	n/a.
Lower explosion limit:	N.A./N.A.
Upper explosion limit:	N.A./N.A.
Vapour pressure:	11,231
Vapour density:	n/a.
Relative density	0.95 g/cm ³
Solubility:	N.A./N.A.
Solubility in water	n/a.
Partition coefficient (n-octanol/water)	n.a.
Auto-ignition temperature:	N.A./N.A.
Decomposition temperature:	N.A./N.A.

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Viscosity: 25 cps
Explosive properties: n/a.
Oxidising properties: n/a.
N.A./N.A.= Not available / not applicable due to the nature of the product

9.2 Other information

Drop point: N.A./N.A.
Flashing: N.A./N.A.
Kinematic viscosity: N.A./N.A.
N.A./N.A.= Not available / not applicable due to the nature of the product

SECTION 10: Stability and reactivity

10.1 Reactivity:

The product does not pose a hazard due to its reactivity.

10.2 Chemical Stability:

Stable under recommended use and storage conditions (see section 7).

10.3 Potentially hazardous reactions:

The product has no potential for hazardous reactions.

10.4 Conditions to avoid

Avoid improper handling.

10.5 Chemically Interacting Materials:

Keep away from oxidising agents and strongly alkaline or acidic materials to prevent exothermic reactions.

10.6 Hazardous decomposition products:

No decomposition if used for intended purpose.

SECTION 11: Toxicological information

11.1 Information on toxicological effects:

Repeated or prolonged contact with the product may cause the elimination of oil from the skin, leading to non-allergic contact dermatitis and absorption of the product through the skin.

Splashes in the eyes can cause irritation and reversible damage.

Toxicological information on the substances contained in the composition.

Name	Acute toxicity			
	Type	Test	Kind	Value
Phenyltrimethoxysilane	Oral	DL50	rata	1.049 mg/kg
	Dermal			
	Inhalation			
CAS No: 2996-92-1	EC No: 221-066-9			

Acute toxicity:

Not sufficient data for classification.

Acute toxicity estimate (ATE):

Mixtures:

ATE (oral) = 10.256 mg / kg

Skin corrosion/irritation:

Not sufficient data for classification.

Serious eye damage/eye irritation:

Not sufficient data for classification.

Respiratory or skin sensitisation:

Not sufficient data for classification.

Mutagenicity in reproductive cells:

Product classified:

Mutagenic, Category 2: Suspected of causing genetic damage.

Carcinogenicity:

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Not sufficient data for classification.

Toxicity for reproduction:

Product classified:

Reproductive toxicity category 1B: May impair fertility or the unborn child

Specific Target Organ Toxicity - single exposure:

Based on the available data, the classification criteria are not met.

Specific Target Organ Toxicity - Repeated Exposure:

Product classified:

Specific target organ toxicity by repeated exposure, Category 1: Causes organ damage following prolonged or repeated exposure.

Aspiration hazard:

Not sufficient data for classification.

SECTION 12: Ecological information

12.1 Toxicity:

Name	Ecotoxicity			
	Type	Test	Kind	Value
Phenyltrimethoxysilane CAS No: 2996-92-1 EC No: 221-066-9	Fish			
	Aquatic invertebrates	CE50 [1] OECD TG 202	daphnia sp	> 0.0029 mg/l (48h) [1]
	Aquatic plants	CE50r [1] OECD TG 201	pseudokirchneriella subcapitata	>0.17 mg/l (72h) [1]

12.2 Persistence and Degradability:

No information is available on the biodegradability of the substances present.

No information is available on the degradability of the substances present. There is no information available on the persistence and degradability of the product.

12.3 Bioaccumulation:

Name	Bioaccumulation			
	Log Pow	BCF	NOECs	Level
methanol CAS No: 67-56-1 EC No: 200-659-6	-0,74	-	-	Very low

12.4 Mobility in Soil:

No information on mobility in soil is available.

The product must not enter sewers or waterways.

Avoid penetration into the ground.

12.5 Results of PBT and vPvB assessment

No information is available on the results of PBT and vPvB assessment of the product.

12.6 Other Harmful Effects:

No information is available on other adverse effects on the environment.

SECTION 13: Instructions for disposal

13.1 Waste treatment methods:

Do not dispose of in sewers or waterways. Waste and empty containers should be handled and disposed of in accordance with current local / national legislation.

Follow the provisions of Directive 2008/98/EC regarding waste management.

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SECTION 14: Information relating to carriage

Transport according to ADR regulations for road transport, RID regulations for railways, ADN for inland waterways, IMDG for sea and ICAO / IATA for air transport.

Country: Road transport: ADR, Rail transport: RID.

Transport documentation: consignment note and written instructions

Sea: Transport by ship: IMDG.

Transport documentation: bill of lading

Air: Transport by aircraft: ICAO / IATA.

Transport document: Airway bill.

14.1 UN number

UN No: UN3082

14.2 Proper load name according to UN Model Regulations

Description :

ADR: UN 3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, PG III, (-)

IMDG: UN 3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, PG III

ICAO/IATA: UN 3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, PG III

14.3 Transport hazard class(es)

Class(es): 9

14.4 Packing group

Packing group: III

14.5 Environmental hazards

Marine pollution: No

14.6 Special precautions for the user

Tags: 3



Danger number: 90

ADR LQ: 5 L.

IMDG LQ: 5 L.

ICAO LQ: 30 kg B

Provisions for transport in bulk ADR: Not permitted for transport in bulk according to ADR.

Transport by ship, FEm - Emergency sheets (F - Fire, S - Spills): F-A, S-F

Proceed according to point 6.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

The product is not transported in bulk.

SECTION 15: Legally required information

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

The product is not affected by Regulation (EC) No 1005/2009 of the European Parliament and of the Council of 16 September 2009 on substances that deplete the ozone layer.

Volatile organic compounds (VOC)

VOC content (p/p): .0750%.

VOC content: 0.713 g/l

Product classification according to Annex I of Directive 2012/18 / EU (SEVESO III): P5c

The product is not affected by Regulation (EU) No 528/2012 concerning the making available on the market and use of biocidal products.

The product is not affected by the procedure laid down in Regulation (EU) No 649/2012 concerning the export and import of dangerous chemicals.

Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

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Designation of the substance, of the group of substances or of the mixture

20. Organostannic compounds

Restriction conditions

1. Shall not be placed on the market, or used, as substances or in mixtures where the substance or mixture acts as biocide in free association paint.

2. Shall not be placed on the market, or used, as substances or in mixtures where the substance or mixture acts as a biocide to prevent contamination by micro-organisms, plants or animals of:

(a) all vessels irrespective of their length intended for use in marine, coastal, estuarine and inland waters and lakes;

(b) cages, floats, nets and any other appliances or equipment used for fish or shellfish farming;

(c) a totally or partially submerged appliance or equipment.

3. Shall not be placed on the market, or used, as substances or in mixtures where the substance or mixture is intended for use in the treatment of industrial waters.

4. Tri-substituted organotins:

(a) Tri-substituted organostannic compounds such as tributyltin (TBT) compounds and triphenyltin (TPT) compounds shall not be used after 1 July 2010 in articles where the concentration in the article, or part thereof, is greater than the equivalent of 0, 1 weight % Tin.

(b) Articles not complying with paragraph (a) shall not be placed on the market after 1 July 2010, except for articles that were already in use in the Community before that date.

5. Dibutyltin (DBT) compounds:

(a) Dibutyltin (DBT) compounds shall not be used after 1 January 2012 in mixtures and articles for supply to the general public where the concentration in the mixture or article, or part thereof, is greater than the tin equivalent of 0.1%.

(b) Articles and mixtures not complying with point (a) shall not be placed on the market after 1 January 2012, except for articles that were already in use in the Community before that date.

(c) By way of derogation, points (a) and (b) shall not apply until 1 January 2015 to the following articles and mixtures for supply to the general public:

- one- and two-component vulcanisation sealants at room temperature (RTV-1 and RTV-2 sealants) and adhesives,

- paints and coatings containing DBT compounds as catalysts when applied to articles,

- soft polyvinyl chloride (PVC) profiles, either on their own or coextruded with hard PVC,

- fabrics coated with PVC containing DBT compounds as stabilisers when intended for outdoor applications,

- rainwater pipes, gutters and fittings for outside use, as well as covering material for roofs and facades,

(d) By way of derogation, points (a) and (b) shall not apply to materials and articles regulated under Regulation (EC) No 1935/2004.

6. Dioctyltin (DOT) compound:

(a) Dioctyltin (DOT) compounds shall not be used after 1 January 2012 in the following articles for supply to, or use by, the general public, where the concentration in the article, or part thereof, is greater than the equivalent of 0.1 % w/w Tin:

- Textile articles intended to come into contact with the skin,

- gloves,

- footwear or part of footwear designed to come into contact with the skin,

- wall and floor covering,

- childcare articles,

- feminine hygiene products,

- nappies,

- two-component vulcanisation moulding kits at room temperature (RTV-2 moulding kits).

(b) Articles not complying with point (a) shall not be placed on the market after 1 January 2012, except for articles that were already in use in the Community before that date.

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Designation of the substance, of the group of substances or of the mixture

30. Substances listed in Part 3 of Annex VI to Regulation (EC) No 1272/2008 classified as toxic for reproduction category

1A or 1B (Table 3.1) or toxic for reproduction category 1 or 2 (Table 3.2) and listed as follows:

- Reproductive toxicity category 1A adverse effects on sexual function and fertility or on development (Table 3.1) or reproductive toxicity category 1 with R60 (May impair fertility) or R61 (May cause harm to the unborn child) (Table 3.2) listed in Appendix 5

- Reproductive toxicity category 1B adverse effects on sexual function and fertility or on development (Table 3.1) or reproductive

toxic category 2 with R60 (may impair fertility) or R61 (may cause harm to the unborn child) (Table 3.2) listed in Appendix 6

Restriction conditions

1. Shall not be placed on the market or used,

- as substances,

- as constituents of other substances, or,

- in mixtures,

for supply to the general public when the individual concentration in the substance or mixture is equal to or greater than:

- the relevant specific concentration limit specified in Part 3 of Annex VI to Regulation (EC) No 1272/2008, or,

- the relevant concentration specified in Directive 1999/45/EC where no specific concentration limit has been fixed in Part 3 of Annex VI to Regulation (EC) No 1272/2008.

Without prejudice to the implementation of other Community provisions relating to the classification, packaging and labelling of substances and mixtures, suppliers shall ensure before the placing on the market that the packaging of such substances and mixtures is marked visibly, legibly and indelibly as follows 'Limited to professional users'.

2. By way of derogation, paragraph 1 shall not apply to:

a) medicinal or veterinary products as defined by Directive 2001/82 / EC and Directive 2001/83 / EC;

(b) cosmetic products as defined by Directive 76/768/EEC;

(c) the following fuels and oil products:

- motor fuels covered by Directive 98/70/EC,

- mineral oil products intended for use as fuel in mobile or fixed combustion plants,

- fuels sold in closed systems (e.g. liquid gas bottles);

(d) artists' paints covered by Directive 1999/45/EC;

(e) the substances listed in Appendix 11, column 1, for the uses or applications listed in Appendix 11, column 2.

Where a date is specified in column 2 of Appendix 11, the derogation shall apply until that date.

15.2 Chemical safety assessment:

No chemical safety assessment has been carried out by the supplier for this substance/mixture.

SECTION 16: Other information

The information in this safety data sheet relating to the preparation is based on the present state of knowledge and on current EC and national laws, insofar as the working conditions of the users are beyond our knowledge and control. The product must not be used for purposes other than those specified without first obtaining written instructions on its use. It is always the responsibility of the user to take appropriate measures to comply with the requirements of current legislation. The information in this safety data sheet only describes the safety requirements of the preparation and should not be regarded as a guarantee of its properties.

Full text of any H-statements appearing in section 3:

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H301 Toxic if swallowed.

H302 Harmful if swallowed.

H311 Toxic in contact with skin.

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H331	Toxic by inhalation.
H341	Suspected of causing genetic damage.
H360	May damage fertility or the unborn child
H370	Causes damage to organs.
H372	It causes organ damage after prolonged or repeated exposure.
H373	May cause lung damage by prolonged or repeated exposure.

Classification codes:

Acute Tox. 3:	Acute toxicity (through the skin), Category 3
Acute Tox. 3:	Acute toxicity (inhalation), Category 3
Acute Tox. 3:	Acute toxicity (oral), Category 3
Acute Tox. 4:	Acute toxicity (oral), Category 4
Flam. Liq. 2:	Flammable liquid, Category 2
Flam. Liq. 3:	Flammable liquid, Category 3
Muta. 2:	Mutagens, Category 2
Repr. 1B:	Reproductive toxicity category 1B
STOT RE 1:	Specific target organ toxicity by repeated exposure, Category 1
STOT RE 2:	Specific target organ toxicity by repeated exposure, Category 2
STOT SE 1:	Specific target organ toxicity after single exposure, Category 1

Information on the TSCA Inventory (Toxic Substances Control Act) USA:

CAS No	Name	State
77-58-7	Dibutyltin dilaurate, dibutyl[bis(dodecanoyloxy)] stannane	Registered
2996-92-1	Phenyltrimethoxysilane	Registered
67-56-1	methanol	Registered
17865-54-2	Cyclohexyltrimethoxysilane	

Abbreviations and acronyms used:

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road.
BCF:	Bioconcentration factor.
CEN:	European Committee for Standardisation.
DMEL:	Derived minimum effect level, exposure level corresponding to a low risk, which should be considered an acceptable minimum.
DNEL:	Derived no-effect dose, degree of exposure to the substance below which adverse effects are not expected.
EC50:	Half maximum effective concentration.
PPE:	Personal protective equipment.
IATA:	International Air Transport Association.
ICAO:	International Civil Aviation Organization.
IMDG:	International Maritime Code for Dangerous Goods.
LC50:	Lethal concentration, 50%.
LD50:	Lethal dose, 50%.
Log Pow:	Logarithm of the octanol-water partition.
NOEC:	Concentration with no observed effects.
PNEC:	Predicted No Effect Concentration, concentration of the substance below which no adverse effect is expected in the environmental compartment.
RID:	Regulations governing the international carriage of dangerous goods by rail.

Key literature references and sources for data:

<http://eur-lex.europa.eu/homepage.html>
<http://echa.europa.eu/>

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Regulation (EU) 2015/830.

Regulation (EC) No.1907 / 2006.

Regulation (EU) No.1272 / 2008.

The information in this safety data sheet has been prepared in accordance with COMMISSION REGULATION (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45 / EC and repealing Council Regulation (EEC) No .../.... 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769 / EEC and Commission Directives 91/155 / EEC, 93/67 / EEC, 93/105 / EC and 2000/21 / EC.