

SAFETY DATA SHEET



Synthetic Teak Sealer



Issued on 01.04.2018

Code: STS

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According to Regulation (EC) No 1907/2006, Annex II, as amended. Commission Regulation (EU) No 2015/830 of 28 May 2015.

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product code: Synthetic Teak Sealer

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

Use: To leave a protective barrier on synthetic teak decking

Uses advised against: Do not use for purposes other than those listed.

1.3. Details of the supplier of the safety data sheet

Bainbridge International Limited. Unit 8, Flanders Park, Southampton, Hampshire SO30 2FZ England

1.4. Emergency telephone number

0044 1795 599880

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Physical hazards – Skin irrit. 2, H315

Health hazards – Eye Irrit. 2 – H319

Environmental hazards – Not classified

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

Pictogram, Signal Word Code(s): Void

Contains: Polysiloxane compound

2.3. Other hazards

The substance / mixture NOT contains substances PBT/vPvB according to Regulation (EC) No 1907/2006, Annex XIII

No information on other hazards

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Mixtures.

Substance	Conc. %	Classification	Classification	Identification Number		REACH
		Dir 67/548	Reg 1272/08	CAS	EINECS	
2-(2-butoxyethoxy) ethanol	1-5%		Eye Irrit. 2 - H319	112-34-5	203-961-6	
Aminofunctional polysiloxanes (polymers)	1-5%		Skin irrit. 2, H315			
Other components below reportable levels	95-98%					

4. FIRST AID MEASURES

4.1. Description of first aid measures

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General information: By continuous complaints consult a doctor

After inhalation: supply fresh air; consult doctor in case of complaints

After skin contact; immediately wash with water and soap and rinse thoroughly

After eye contact: rinse opened eye for several minutes under running water

After swallowing: seek medical treatment. Do not induce vomiting. Never give anything by mouth to an unconscious person

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

No data available.

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

No further relevant information available.

5. FIREFIGHTING MEASURES

5.1. Extinguishing media

Advised extinguishing agents:

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

5.2. Special hazards arising from the substance or mixture

IN case of fire - the following can be released:

Nitrogen oxides (NO_x)

Carbon monoxide (CO) + carbon dioxide (CO₂)

Under certain fire conditions, traces of other toxic gases cannot be excluded.

5.3. Advice for firefighters

Use protection for the breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel:

Keep people at a distance and stay on the windward side. Particular danger of slipping on leaked/spilled product

6.2. Environmental precautions

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

6.3. Methods and material for containment and cleaning up

Absorb with liquid binding material (sand, diatomite, acid binders, universal binders, sawdust)

6.4. Reference to other sections

Refer to paragraphs 8 and 13 for more information

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Keep receptacles tightly sealed.

At work do not eat or drink.

Do not smoke at work.

7.2. Conditions for safe storage, including any incompatibilities

Use polyolefine receptacles

Protect from frost

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Store between 5-30 degrees C
VCI storage category 12
Storage period up to 6 months

7.3. Specific end use(s)

Professional uses:
Follow the rules of good hygiene in the workplace.


8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Ingredients with limit values that require monitoring at the workplace: 112-34-5-2-(2-butoxyethoxy) ethanol
WEL - short term value 101.2 mg/m³, 15ppm
- long term value 67.5 mg/m³, 10ppm

8.2. Exposure controls

Individual protection measures:

Skin protection:	When handling the pure product use chemical resistant protective gloves (EN 374-1/EN374-2/EN374-3) butyl rubber, BR Recommended thickness of the material $\geq 0.5\text{mm}$	
Thermal hazards:	No hazard to report	

Environmental exposure controls:

Use according to good working practices to avoid pollution into the environment.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical and chemical properties	Value
Appearance	White liquid
Odour	Weak, Characteristic
Odour threshold	Not determined
pH	Not determined
Melting point/freezing point	Not determined
Initial boiling point and boiling range	Ca 100 °C
Flash point	>100 °C
Evaporation rate	Not determined
Flammability (solid, gas)	Not determined
Upper/lower flammability or explosive limits	Not determined
Vapour pressure	Ca. 23 hPa
Vapour density	Not determined
Relative density	1.000
Solubility	Not determined
Water solubility	Fully miscible in water

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Partition coefficient: n-octanol/water	Not determined
Auto-ignition temperature	Not determined
Decomposition temperature	Not determined
Viscosity	Not determined
Explosive properties	Not determined
Oxidising properties	Not determined

9.2. Other information

Content of VOC:

10. STABILITY AND REACTIVITY

10.1. Reactivity

No reactivity hazards.

10.2. Chemical stability

No hazardous reaction when handled and stored according to provisions.

10.3. Possibility of hazardous reactions

No hazards

10.4. Conditions to avoid

Nothing to report

10.5. Incompatible materials

Reactions with strong oxidising agents

10.6. Hazardous decomposition products

Does not decompose when used for intended uses.

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

(a) acute toxicity	Oral LD-50 >5000mg/kg (rat)
(b) skin corrosion/irritation	Due to the product composition slight irritations of the skin cannot be excluded
(c) eye damage/irritation	Due to the product composition slight irritations of the eyes cannot be excluded
(d) respiratory or skin sensitization	<u>Not applicable</u>
(e) germ cell mutagenicity	Not applicable
(f) carcinogenicity	Not applicable
(g) Ingested	<u>When used in inadequate ventilated places, the aerosol drops may seriously irritate the respiratory tract.</u>

12. ECOLOGICAL INFORMATION

12.1. Toxicity

LC-50 >1000mg/l (vertebrata)

12.2. Persistence and degradability

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No further relevant information available

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

The substance / mixture NOT contains substances PBT/vPvB according to Regulation (EC) No 1907/2006, Annex XIII

12.6. Other adverse effects

No adverse effects

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

After prior treatment product has to be disposed of in an incinerator for hazardous waste adhering to the regulations pertaining to the disposal of particularly hazardous waste. Disposal must be made according to official regulations.

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations

Recommended cleansing agents: Water, if necessary together with cleansing agents.

14. TRANSPORT INFORMATION

14.1 UN number

Not classified as dangerous goods by the criteria of the International Maritime Dangerous Goods Code/ ADR/ IATA

14.2 UN proper shipping name

N/A

14.3 Transport hazard class(es)

N/A

14.4 Packing group

14.5. Environmental hazards

Product is not environmentally hazardous

Marine polluting agent : Not

14.6. Special precautions for user

The goods must be transported by vehicles authorized to transport of dangerous goods according to the current edition of ADR requirements and applicable national regulations.

The goods must be in original packing, however, in packaging made of materials resistant to their content and not likely to generate with this dangerous reactions. People loading and unloading dangerous goods must be trained on the risks from these substances and that must be taken in case of emergency situations

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

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It is not intended to carry bulk

15. REGULATORY INFORMATION

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

National regulations

Commission Decision 2000/532/EC as amended by Decision 2001/118/EC establishing a list of wastes and hazardous waste pursuant to Council Directive 75/442/EEC on waste and Directive 91/689/EEC on hazardous waste with amendments.

EU Legislation

Dangerous Preparations Directive 1999/45/EC

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended)

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 (as amended)

Guidance

Workplace Exposure Limits EH40

Approved Classification and Labelling Guide (Sixth edition) L131

Health and environmental listings

Regulation (EC) 689/2008 of the European Parliament and of the Council of 17 June 2008 concerning the export and import of dangerous chemicals (as amended)

15.2. Chemical safety assessment

No chemical safety assessment was carried out by the supplier

16. OTHER INFORMATION

16.1. Other information

Description of the sentences of risk set out in paragraph 3

Description of the hazard statements exposed to point 3

H315 - causes skin irritation

H319 - causes serious eye irritation

NOTICE TO USERS:

The information contained herein is based on the knowledge available at the date of completion relating to requirements for safety, health, environmental protection and proper use of the product. The user must be aware of the possible risks associated with use of the product other than that for which the product is shipped. The card is not in any way excuse the user from knowing and applying all the regulations governing its activities. The set of regulations mentioned is simply to help the user to fulfil its obligations regarding the use of hazardous products. This does not exonerate the user from ensuring that legal obligations other than those mentioned and regulated, the possession and use of the product is solely responsible.

*** This sheet supersedes all previous editions.