

MATERIAL SAFETY DATA SHEET FOR BOSS SILICONE SEALANT WHITE




1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Product type:	Sealant
Intended use:	General purpose sealant suitable for all sealing and jointing applications
Trade Name:	BOSS Silicone Sealant White
Supplier of product:	The BSS Group plc
Registered Office:	Fleet House, Lee Circle, Leicester, LE1 3QQ
Telephone/Fax Numbers:	0116 262 3232 / 0116 253 1343
E-mail Address	reception@bssgroup.com
Web site Address	www.bss-group.co.uk

2. COMPOSITION/INFORMATION ON INGREDIENTS.

Chemical Characterization					
Description:	Sealant				
Dangerous Components:	%	Cas No.	EINECS	Symbols	Risk Phrases
Triacetoxymethylsilane	≤2.5%	17689-77-9	241-677-4	C, Xn	22, 34
	Danger: skull and crossbones 3.0.0/3; corrosion 3.2/1B				
Methylsilanetriyl Triacetate	≤2.5%	4253-34-3	224-221-9	C, Xn	22, 34
	Danger: skull and crossbones 3.0.0/3; corrosion 3.2/1B Warning: 2.6/4				
Additional Information: As the product vulcanises acetic acid (CAS 64-19-7) is produced. For the wording of the listed risk phrases refer to section 16.					

3. HAZARD IDENTIFICATION

Hazard description:	Not applicable
Information concerning to particular hazards to man and environment:	The product has to be labelled due to the calculation procedure on the “General Classification guideline for preparations of the EU” in the latest valid version.
Classification system:	The classification is according to the latest edition of the EU-lists, and extended by company and literature data
GHS Label Elements:	
	3.3/1 – Causes serious eye damage 3.2/2 – causes skin irritation
Prevention:	Wear protective gloves/protective clothing/eye protection/face protection

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3. HAZARD IDENTIFICATION (cont.)

Response:	
If In Eyes:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTRE or doctor/physician Specific treatment (see on this label).
If skin irritation occurs:	Get medical advice/attention Take off contaminated clothing and wash before reuse

4. FIRST AID MEASURES

General Information:	No special measures required
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:	If symptoms persist consult doctor

5. FIRE FIGHTING MEASURES

Suitable extinguishing agents:	CO ₂ , powder or water spray Fight larger fires with water spray or alcohol resistant foam
Protective equipment:	No special measures required

6. ACCIDENTAL RELEASE MEASURES

Person-related safety precautions:	Not required
Measures for environmental protection:	Do not allow to enter sewers/surface or ground water
Measures for cleaning/collecting:	Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust)
Additional Information:	No dangerous substances are released

7. HANDLING AND STORAGE:

Handling	
Information for safe handling:	No special measures required
Information about fire - and explosion protection:	No special measures required
Storage	
Requirements to be met by storerooms and receptacles:	No special requirements
Information about storage in one common storage facility:	Not required
Further information about storage conditions:	None

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Additional information about design of technical facilities:	No further data, see item 7
Ingredients with limit values that require monitoring at the workplace:	The product does not contain any relevant quantities of material with critical values that have to be monitored at the workplace
Additional information:	The lists valid during the making were used as a basis
Personal protective equipment	
General protective and hygienic measures:	The usual precautionary measures are to be adhered to when handling chemicals.
Respiratory Protection:	Not required
Protection of hands:	The glove material has to be impermeable and resistant to the product/the substance/the preparation Due to missing tests no recommendation to the glove material can be given for the product/the preparation/the chemical mixture Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
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 cannot be calculated in advance and has therefore to be checked prior to the application.
Penetration time of glove material:	The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
Eye Protection:	Goggles recommended during refilling

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information	
Form:	Fluid
Colour:	According to product specification
Odour:	Characteristic
Change in condition	
Melting point/Melting range:	Undetermined
Boiling point/boiling range:	2230°C
Flash point:	Not applicable
Ignition temperature:	370°C
Self-igniting:	Product is not self igniting
Danger of explosion:	Product does not present an explosion hazard
Density at 20°C:	0.97 g/cm ³
Solubility in/Miscibility with water:	Not miscible or difficult to mix
Solids Content:	100.0%

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10. STABILITY AND REACTIVITY

Thermal decomposition/conditions to be avoided:	No decomposition if used according to specifications
Dangerous reactions:	No dangerous reactions known
Dangerous decomposition products:	No dangerous decomposition products known

11. TOXICOLOGICAL INFORMATION

Acute toxicity	
Primary Irritant Effect:	
On the Skin:	No irritant effect
On the Eyes:	No irritating effect
Sensitization:	No sensitizing effects known
Additional toxicological information:	The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version. When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us

12. ECOLOGICAL INFORMATION

General Notes:	Water hazard class 1 (German Regulations) (Self Assessment): slightly hazardous for water Do not allow undiluted product or large quantities of it to reach ground water, water course of sewage system.
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13. DISPOSAL CONSIDERATIONS

Product	
Recommendation:	Smaller quantities can be disposed of with household waste
Uncleaned Packaging	
Recommendation:	Disposal must be made according to official regulations Packagings that may not be cleansed are to be disposed of in the same manner as the product

14. TRANSPORT INFORMATION

Land Transport ADR/RIDD (cross-border)	
ADR/RID Class:	-
Maritime Transport IMDG:	
IMDG Class:	-
Marine Pollutant:	No
Air Transport ICAO-TI and IATA-DGR:	
ICAO/IATA Class:	-

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15. REGULATORY INFORMATION

Labelling According to EU Guidelines:	Observe the general safety regulations when handling chemicals The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous materials (German GefStoffV)
Special labelling of certain preparations:	Safety data sheet available for professional user on request
National Regulations	
Water hazard class 1 :	Slightly hazardous for water

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.

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.