

MATERIAL SAFETY DATA SHEET



Product: **HT30**

Code: BDHT30 R/BL **Date of Issue:** February 2003

Version: 1

1. PREPARATION AND COMPANY IDENTIFICATION:

Preparation Trade Name: **BOND IT PREMIERE HT30 HIGH TEMPERATURE SILICONE**

Supplier: **Bond It**

Address: G16 River Bank Way, Lowfields Business Park, Elland, West Yorkshire. HX5 9DN. ENGLAND

Telephone: (+44) 01422 315300

Emergency: As Above

2. COMPOSITION/ INFORMATION ON INGREDIENTS:

<u>CAS Number</u>	<u>Chemical Name</u>	<u>%</u>	<u>Classification</u>
68551-20-2	Alkanes, C13-16, iso	10	Xn; R65
4253-34-3	Methyltriacetoxysilane	2.0	Xn; C; R34, R22
17689-77-9	Triacetox(ethyl)silane	2.0	Xn, C; R34, R22
64359-81-5	4,5 Dichloro-2-N-Octyl-4-Isothiazoli n-3-One	<=0.1	T; C; N; R23, R34, R43, R50

3. HAZARD IDENTIFICATION:

Not hazardous according to Council Directive 1999/45/EC and its subsequent amendments.

4. FIRST AID MEASURES:

Inhalation: Remove person to fresh air. If discomfort persists seek medical advice.

Skin Contact: Remove contamination with soap and water. This procedure should also be followed prior to eating, drinking, smoking and toilet functions.

Eye Contact: Irrigate immediately with clean water for 15 minutes and obtain medical attention.

Ingestion: No first aid should be needed.

5. FIRE FIGHTING MEASURES:

Suitable Extinguishing Media: Dry Powder, CO₂, Foam or fine water spray. Water can be used to cool fire exposed containers.

Unsuitable Extinguishing Media: None known

Special Exposure Hazards in Fires: None known

Required Special Protective

Equipment for Fire Fighters: A self contained respirator and protective clothing should be worn. Keep containers cool with water spray until well after the fire is out. Determine the need to evacuate or isolate the area according to local emergency plan.

6. ACCIDENTAL RELEASE MEASURES:

Personal Precautions: Wear proper protective equipment.

Precautions to protect environment: Do not allow large quantities to enter drains or surface waters.

Cleaning up: Scrape up and place in a container fitted with a lid. The spilled product produces an extremely slippery surface. Dispose of at an appropriate licensed waste disposal site in accordance with current legislation and regulations.

7. HANDLING AND STORAGE:

Handling: Ensure adequate ventilation. Avoid skin contact and eye contact. Do not breathe vapour.

Storage: Do not store with oxidizing agents. Keep container closed and store away from water or moisture.

8. Exposure Controls:

Name	Exposure Limit
Alkanes, C13-16, iso	300ppm
Triacetoxymethylsilane	10ppm TWA, 15ppm STEL as acetic acid
Methyltriacetoxysilane	10ppm TWA, 15ppm as acetic acid.

Respiratory Protection: Suitable respiratory protection should be worn if the product is used in large quantities, confined spaces or in other circumstances where the OEL may be approached or exceeded.

Hand Protection: Chemical protective gloves should be worn.

Skin Protection: Protective equipment is not normally necessary.

Eye Protection: Wear chemical resistant goggles if there is risk of splashing.

Hygiene Measures: Wash hands especially before eating, drinking or smoking.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance:	Colourless foam	Flammability:	Not applicable
Odour:	Acetic Acid	Explosive Properties:	No
Specific Gravity:	0.96	Oxidizing Properties:	No

10. STABILITY AND REACTIVITY: Stable under normal conditions. Can react with strong oxidising agents. Cures in the presence of water or moisture, releasing a small amount of acetic acid.

Hazardous decomposition products: Silica. Carbon oxides and traces of incompletely burned carbon compounds. Formaldehyde.

11. TOXICOLOGICAL INFORMATION: Vapours released during curing may cause eye, nose and throat irritation. Can irritate on prolonged or repeated contact. May produce an allergic reaction. Swallowing large amounts may cause digestive discomfort. The product may emit formaldehyde vapours at temperatures above 150°C in the presence of air. Formaldehyde vapour is harmful by inhalation and irritating to eyes and respiratory system at breathing concentration less than one part per million (1 ppm).

12. ECOLOGICAL INFORMATION: Solid material, insoluble in water. No adverse effects are predicted. No adverse effects on aquatic organisms or bacteria are predicted.

13. DISPOSAL CONSIDERATIONS: Disposal of material should be in accordance with local regulations. Packaging should be similarly disposed of.

14. TRANSPORT INFORMATION: Not subject to ADR/RID, IMDG or IATA regulations.

15. REGULATORY INFORMATION:

S24 Avoid contact with skin.

S51 Use only in well ventilated areas.

National legislation/ regulations

Ozone depleting chemicals: No ozone depleting chemicals are present or used in manufacture.

EEC Symbol

16. OTHER INFORMATION:

Safety data sheet available for professional user on request. The data contained in this Safety Data Sheet has been supplied as required by the Chemical (Hazard Identification and Packaging) Regulations 1993, as amended, for the purpose of protecting the health and safety of industrial and commercial users who are deemed capable of understanding and acting on the information provided. Please ensure that it is passed to the appropriate person(s) in your company, who are capable of acting on the information. This information is given in good faith, being based on the latest knowledge available to Bond It. No known relevant information has been omitted from this Material Safety Data Sheet and the information provided is designed to enable the user to use the product safely. The user should not assume on the basis of the information provided in this sheet that the product is suitable for any abnormal use. If the information provided is insufficient to ensure safety in any particular application, contact Bond It for further advice before the proposed application is undertaken.

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Supersedes Issue Dated:

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