

Product: **LN7**

Code: BDLN7

Date of Issue: February 2003

Version: 1

1. PREPARATION AND COMPANY IDENTIFICATION:

Preparation Trade Name: **BOND IT PREMIERE LN7 LOW MODULUS NEUTRAL CURE SILICONE**

Supplier: **Bond It**

Address: Unit 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:

Silicone elastomer

<u>CAS Number</u>	<u>Chemical Name</u>	<u>%</u>	<u>Classification</u>
195158-82-8	Dimethyl siloxane (triethoxysilyl) ethyl - terminated	60	
1185-55-3	Trimethoxy(methyl)silane	2.0	Xn; R22
3087-39-6	Titanium (4+)	<=2.0	Xi; R36/38
	2-methylpropan-2-olate		
18395-30-7	Trimethoxy (2-methylpropyl)s	2.0	Xn; R22
	Amino functional alkoxy silanes	1.0	Xi; R36
67-56-1	Methanol	<=0.1	T; R39/23/24/25, R23/24/25

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 proprietary skin cleaner, followed by washing with soap and water. This procedure should also be followed prior to eating, drinking, smoking and toilet functions. Do not use solvent, thinners or white spirit.

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: Carbon dioxide (CO₂), foam, dry powder 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 your local emergency plan.

Hazardous Combustion Products: Silica. Carbon oxides and traces of incompletely burned carbon compounds. Formaldehyde.

6. ACCIDENTAL RELEASE MEASURES:

Precautions: Wear proper protective equipment. Do not allow large quantities to enter drains or surface waters. Scrape up spilt material and place in a container fitted with a lid. The spilled product produces an extremely slippery surface.

7. HANDLING AND STORAGE:

Handling: General ventilation is recommended. Local ventilation is recommended. Avoid skin contact and eye contact. Do not breathe vapour.

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

8. Exposure Controls:

Dimethyl siloxane (triethoxysilyl) ethyl - terminated	1000ppm TWA as ethanol
Trimethoxy(methyl)silane	200ppm TWA, 250ppm STEL as methanol
Amino functional alkoxy silanes	200ppm TWA, 250ppm STEL as methanol
Methanol	250ppm STEL, 200ppm TWA, 333mg/m ³ STEL, 266 mg/m ³ TWEA
Respiratory Protection:	Suitable respiratory protection should be worn if the product is used in large quantities, confined spaces or in other circumstances where OEL may be approached or exceeded.
Hand Protection:	Chemical protective gloves should be worn: butyl rubber, nitrile rubber, neoprene rubber. Gloves suitable for up to 60 minutes use.
Skin Protection:	Protective clothing is not normally necessary.
Eye Protection:	Safety glasses should be worn.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance:	Paste	Flashpoint (°C):	Not applicable
Odour:	Alcoholic	Explosive Properties:	No
Specific Gravity:	1.02	Oxidising Properties:	No
Solubility (water & fat):	Insoluble	Colours:	White, translucent, brown, black and grey

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

11. TOXICOLOGICAL INFORMATION: Vapours released during curing may cause eye irritation, can also irritate mouth, nose and throat. Can irritate skin on prolonged or repeated contact. Small amounts transferred to the mouth by fingers during use should not injure. Swallowing large amounts may cause digestive discomfort. 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 are predicted and no bioaccumulation potential.

13. DISPOSAL CONSIDERATIONS: Disposal of in accordance with local regulations. Completely discharge containers, they may be recycled or reused.

14. TRANSPORT INFORMATION: No regulations apply for the transportation of this material. Not classified as hazardous for road, rail, sea or air transport.

15. REGULATORY INFORMATION:

R65	Harmful. May cause lung damage if swallowed.
R22	Harmful if swallowed.
R34	Causes burns.
S24	Avoid contact with skin.
S51	Use only in well ventilated areas.

No ozone depleting chemicals are present or used in manufacture.
Label Information: EEC Symbol

16. OTHER INFORMATION:

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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BOND IT, Unit G16 River Bank Way, Lowfields Business Park, Elland, West Yorkshire. HX5 9DN.
Tel: 01422 315300 Fax: 01422 315310 Email: sales@bond-it.co.uk Web: www.bond-it.co.uk