

**MATERIAL SAFETY DATA SHEET**  
**(According to EC regulation 1907/2006)**

Print date: 18/03/2008

**1.1 PRODUCT**

Trade name : SILICON GREASE 4  
Technical name : Lubricant for rubber and plastics  
Chemical name : Polydimethylsiloxane base compound

**1.2 COMPANY**

LOXEAL s.r.l. Via Marconato, 2 - 20031 Cesano Maderno (Mi)  
Tel. (+39) 0362 551701 Fax (+39) 0362 524225  
Responsible: MSDS Officer

**2. THE MAIN HAZARD**

Hazard warning not required. Non – hazardous material

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Polydimethylsiloxane and polytetrafluoroethylene.

**4. FIRST AID PROCEDURES**

Product on skin : wash with water and soap.  
Product on eyes : flush the eye with plenty of water for at least 10 minutes, holding eye open.  
Product ingested : wash out mouth with water and give cold water or milk. Do not induce vomiting.  
Obtain medical attention.  
Product inhaled : expose to fresh air.

**5. FIRE PROTECTION**

Extinguishing media : water, foam, dry chemical, carbon dioxide, sand.  
Special extinguishing procedures: wear self-contained breathing apparatus.  
Explosion and firing hazard : keep containers cool with water spray.

**6. SPILLAGE**

Adsorb spills using earth or sand and collect for disposal.

**7. HANDLING AND STORAGE**

No special measure required. Product may become electro statically charged during pouring or filling.  
Vcr storage class: 10

**8. EXPOSURE CONTROL/PERSONAL PROTECTION**

Eye protection: goggles. When handling observe the usual precautionary measures for chemicals.

**9. PHYSICAL AND CHEMICAL DATA**

Appearance	: paste
Colour	: white
Odour	: odourless
Boiling point	: N.A.
Explosion limits	: N.A.
Vapour pressure (20°C)	: < 0,0001 mbar
Viscosity (25°C)	: thixotropic
Water solubility (20°C)	: not soluble
pH - value	: neutral
Density (20°C) DIN 51757	: 1,2 g/ml
Flash point DIN 51376	: > 300 °C

Ignition temperature : > 400 °C

**10. STABILITY AND REACTIVITY**

Product is stable at normal conditions.  
 Hazardous decomposition products : over 280° C some hydrofluoridric acid may develop.

**11. HEALTH HAZARD INFORMATION**

Acute Toxicity : LD 50 oral > 5000 mg/kg (rat)  
 Skin : non irritant (rabbit).  
 Eyes : non irritant (rabbit).  
 Sensitisation : not known.

**12. ENVIRONMENTAL DATA**

Do not convey in water discharges.  
 Hazard class for water: WGK 1 (GWRA 17.05.1999).

**13. DISPOSAL**

In accordance with local regulation.  
 European waste catalogue ( EWC) code: 080410

**14. TRANSPORT INFORMATION**

Way	Class	Label
Road - Rail	ADR/RID: ---	---
Sea	IMO/IMDG: ---	---
Air	ICAO/IATA: ---	---

Not classified. Labelling not required.

**15. LABELLING INFORMATION**

No labelling is required

**16. ADDITIONAL INFORMATION**

The information contained herein is based on our present state of knowledge and experience.  
 The purpose of this MSDS is to describe the product in terms of its safety requirement, without any Warranty about the quality of the product.