

**MATERIAL SAFETY DATA SHEET****1.1 PRODUCT**

Trade name : LOXEAL  
 15-36 / 18-10 / 26-18 / 28-10 / 52-03 / 53-11 / 55-04 / 55-14 /  
 55-16 / 55-37 / 55-38 / 55-80 / 56-03 / 58-14 / 70-14 / 82-21 /  
 83-54 / 83-55 / 86-53 / 86-54 / 86-55 / 89-51

Technical name : anaerobic adhesive and sealant

Chemical name : methacrylate esters composition

**1.2 COMPANY**

LOXEAL s.r.l. Via Marconato, 2 - 20031 Cesano Maderno (Mi) - Tel. +39/0362/551701

For urgent information: Centro Antiveleni Milano - Niguarda - Tel. +39/02/6610129

**2. COMPOSITION/INFORMATION ON INGREDIENTS**

Ingredient	%	Classification	
		Symbol	Risk Phrases
methacrylate esters CEE 607-134.00.4	> 10	Xi	36/37/38
organic peroxide	1	O, C, Xn	7, 20/22, 34

**3. THE MAIN HAZARD**

Irritating to eyes and skin.

**4. FIRST AID PROCEDURES**

Product on skin : immediately wash with water and soap. Remove contaminated clothing and wash before re-use.

Product on eyes : immediately flush the eye with plenty of water for at least 10 minutes, holding eye open. Obtain medical attention urgently.

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**

Absorb spills using earth or sand and collect for disposal.

**7. HANDLING AND STORAGE**

Handling : avoid contact with skin and eyes.

Storage precautions : store below 28°C, away from direct sunlight.

**8. EXPOSURE CONTROL/PERSONAL PROTECTION**

Protect hands with gloves or cream. After the use wash with water and soap.

**9. PHYSICAL AND CHEMICAL DATA**

Odour	: light - typical
Change of physical state	: polymerisation over 100°C
Flash point (COC/DIN/ISO 2592)	: more than 100°C
Explosion limits	: N.A.
Autoignition temperature	: more than 380°C
Vapour pressure (20°C) DIN 51616	: < 0,5 mbar
Viscosity (Brookfield) (25°C)	: from 500 to more than 100.000 mPa.s
Water solubility (20°C)	: not soluble
pH - value	: 4 - 6
Density (20°C) DIN 51757	: from 1,0 to 1,1 g/ml

**10. STABILITY AND REACTIVITY**

Product is stable at normal conditions.

Conditions to avoid : heating over 100°C - Exposure to direct sunlight.

Materials to avoid : strong oxidising and reducing agents, metals/rust, strong acids.

Hazardous decomposition products: burning produces carbon and nitrogen oxides.

**11. HEALTH HAZARD INFORMATION**

Acute Toxicity : LD 50 oral > 5000 mg/kg (rat)

Skin : irritant for prolonged contact.

Eyes : irritant.

Sensitization : not known.

**12. ENVIRONMENTAL DATA**

Do not convey in water discharges.

Hazard class for water: WGK 1 (selfclassification).

**13. DISPOSAL**

In accordance with local regulation.

Recommended method is by incineration.

**14. TRANSPORT INFORMATION**

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

Not classified. Labelling not required.

**15. LABELLING INFORMATION**

Labelling as EEC regulations in force:

Hazard symbol St. Andrew's Cross - Xi=irritating.

Risk and safety phrases:

R 36/37/38 Irritating to eyes, respiratory system and skin.

S 26 In case of contact with eyes, flush immediately with copious amounts of water and consult medical personnel.

S 28 In case of contact with skin, wash immediately with copious amounts of water and soap.

**16. ADDITIONAL INFORMATION**

The information contained herein is based on our present state of knowledge and experience.