



SAFETY DATA SHEET
Loxreal 53-11

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name Loxreal 53-11

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Adhesive. Sealant.

1.3. Details of the supplier of the safety data sheet

Supplier Loxreal s.r.l.
Via Marconato 2
Cesano Maderno
20811 (MB)
Italia
Tel: +39 0362 551 701
Fax +39 0362 524 225

1.4. Emergency telephone number

Italia +39 0362 553930

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (1999/45/EEC) Not classified.

2.2. Label elements

Risk Phrases

NC Not classified.

Safety Phrases

NC Not classified.

2.3. Other hazards

None under normal conditions.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

ETHANEDIOL	0.1-1%
CAS-No.: 107-21-1	EC No.: 203-473-3
Classification (EC 1272/2008) Acute Tox. 4 - H302	Classification (67/548/EEC) Xn;R22

CUMENE HYDROPEROXIDE	0.1-1%
CAS-No.: 80-15-9	EC No.: 201-254-7

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Classification (EC 1272/2008)
Org. Perox. E - H242
Acute Tox. 4 - H302
Acute Tox. 4 - H312
Acute Tox. 3 - H331
Skin Corr. 1B - H314
STOT SE 3 - H335
STOT RE 2 - H373
Aquatic Chronic 2 - H411

Classification (67/548/EEC)
O;R7
T;R23
C;R34
Xn;R21/22,R48/20/22
N;R51/53

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation

Move the exposed person to fresh air. Get medical attention if any discomfort continues.

Ingestion

Immediately give a couple of glasses of water or milk, provided the victim is fully conscious. Never give liquid to an unconscious person. Get medical attention.

Skin contact

Wash skin thoroughly with soap and water. Remove contaminated clothing. If symptoms develop, obtain medical attention

Eye contact

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention if any discomfort continues.

4.2. Most important symptoms and effects, both acute and delayed

Skin contact

Prolonged contact may cause redness, irritation and dry skin.

Eye contact

May cause temporary eye irritation.

4.3. Indication of any immediate medical attention and special treatment needed

No specific first aid measures noted. Treat Symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

Foam, carbon dioxide or dry powder.

Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products

Thermal decomposition could produce carbon monoxide, carbon dioxide, and unidentified organic compounds. Burning produces irritating, toxic and obnoxious fumes.

5.3. Advice for firefighters

Protective equipment for fire-fighters

Wear self contained breathing apparatus and protective clothing.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Avoid discharge into drains, water courses or onto the ground.

6.3. Methods and material for containment and cleaning up

Absorb with sand or other inert absorbent. Transfer to suitable, labelled containers for disposal.

6.4. Reference to other sections

For personal protection, see section 8. For waste disposal, see section 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid contact with skin and eyes. Do not eat, drink or smoke when using the product.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.

7.3. Specific end use(s)

This product is not recommended for use in joints which will be in contact with either pure oxygen or steam.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
ETHANEDIOL	WEL		10 mg/m ³		104 mg/m ³	Sk

WEL = Workplace Exposure Limit.

Sk = Can be absorbed through skin.

8.2. Exposure controls**Protective equipment****Engineering measures**

Normal (mechanical) room ventilation should be adequate for small volumes. For higher volume activities, or if needed for worker comfort, local mechanical exhaust should be provided.

Respiratory equipment

Not normally required.

Hand protection

Nitrile rubber or Viton™ gloves are recommended. Cotton or other absorbent gloves should not be worn. Gloves should conform to EN 374.

Eye protection

If risk of splashing, wear safety goggles or face shield. Personal eye protection should conform to EN 166

Other Protection

Uniforms, coveralls, or a lab coat should be worn

Hygiene measures

Wash hands at the end of each work shift and before eating, smoking and using the toilet. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Yellow.
Odour	Slightly pungent odour.
Solubility	Insoluble in water Soluble in: Organic solvents.
Initial boiling point and boiling range	
	Not applicable.
Melting point (°C)	
	Not available.
Relative density	1.1
Vapour density (air=1)	
	Not available.
Vapour pressure	
	Not available.
Evaporation rate	
	Not determined.
pH-Value, Conc. Solution	
	Not relevant
Viscosity	~525 mPa.s

Decomposition temperature (°C)

Not determined.

Odour Threshold, Lower

Not determined.

Flash point >100°C

Auto Ignition Temperature (°C)

Not determined.

**Partition Coefficient
(N-Octanol/Water)**

Not determined.

Explosive properties

Not determined.

Oxidising properties

Not applicable.

9.2. Other information

Not relevant

SECTION 10: STABILITY AND REACTIVITY**10.1. Reactivity**

No specific reactivity hazards associated with this product.

10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

No specific, or groups of materials are likely to react to produce a hazardous situation.

10.4. Conditions to avoid

Avoid heat, flames and other sources of ignition.

10.5. Incompatible materials**Materials To Avoid**

Strong acids. Strong alkalis. Strong oxidising substances. Strong reducing agents.

10.6. Hazardous decomposition products

Thermal decomposition could produce carbon monoxide, carbon dioxide, and unidentified organic compounds.

SECTION 11: TOXICOLOGICAL INFORMATION**11.1. Information on toxicological effects****Toxicological information**

The toxicological properties of this product have not been fully evaluated. Use of good industrial hygiene practices is required. Avoid direct contact with skin or eyes. Do not ingest or inhale.

Aspiration hazard:

Based on available data the classification criteria are not met.

Inhalation

Unlikely to be hazardous by inhalation because of the low vapour pressure of the substance at ambient temperature.

Ingestion

No harmful effects expected in amounts likely to be ingested by accident.

Skin contact

Repeated exposure may cause skin dryness or cracking.

Eye contact

May cause temporary eye irritation.

SECTION 12: ECOLOGICAL INFORMATION**Ecotoxicity**

Not regarded as dangerous for the environment.

12.1. Toxicity

No data available.

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential**Bioaccumulative potential**

No data available on bioaccumulation.

Partition coefficient

Not determined.

12.4. Mobility in soil**Mobility:**

The product is insoluble in water.

12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

12.6. Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

General information

Waste disposal should be in accordance with existing Community, National and local regulations Empty containers may contain product residue; follow SDS and label warnings even after they have been emptied.

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

Waste Class

08 04 10 waste adhesives and sealants other than those mentioned in 08 04 09

SECTION 14: TRANSPORT INFORMATION

General

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Not applicable.

14.4. Packing group

Not applicable.

14.5. Environmental hazards**Environmentally Hazardous Substance/Marine Pollutant**

No.

14.6. Special precautions for user

Not relevant

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not relevant

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Loxeal 53-11

Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

Approved Code Of Practice

Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations.

Guidance Notes

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

EU Legislation

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Revision Date 22/03/2012

Revision 1

Risk Phrases In Full

R34 Causes burns.
R22 Harmful if swallowed.
R21/22 Harmful in contact with skin and if swallowed.
R48/20/22 Harmful: danger of serious damage to health by prolonged exposure through inhalation and if swallowed.
R37 Irritating to respiratory system.
R7 May cause fire.
NC Not classified.
R23 Toxic by inhalation.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Hazard Statements In Full

H314 Causes severe skin burns and eye damage.
H302 Harmful if swallowed.
H312 Harmful in contact with skin.
H242 Heating may cause a fire.
H373 May cause damage to organs <<Organs>> through prolonged or repeated exposure.
H335 May cause respiratory irritation.
H331 Toxic if inhaled.
H411 Toxic to aquatic life with long lasting effects.