



SAFETY DATA SHEET

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Xenum X-Lock GM

Revision 0
Revision date 19-Feb-2007

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

Product name Xenum X-Lock GM
Company Xenum
Blekersdijk 33 A
9000 Gent
Belgium
www.xenum.be
Telephone + 32 (0)9 223 22 10
Fax + 32 (0)9 225 11 16
Intended use Adhesives and/or sealants.

2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients

	Conc.	CAS	EINECS	Symbols/Risk phrases
2-Hydroxyethyl methacrylate	10 - 20%	868-77-9	212-782-2	Xi; R36/38 R43
Methacrylates	50 - 100%			Xi; R36/37/38
Acrylic acid	1 - 3%	79-10-7	201-177-9	R10 Xn; R20/21/22 C; R35 N; R50
Cumene hydroperoxide	1 - 3%	80-15-9	201-254-7	O; R7 T; R23 Xn; R21/22-48/20/22 C; R34 N; R51/53
Hydroxypropyl Methacrylate	10 - 20%	27813-02-1	248-66-3	Xi; R36 Xi; R43

3. HAZARDS IDENTIFICATION

Main hazards Irritating to eyes, respiratory system and skin. May cause sensitisation by skin contact.
Personal precautions No precautions required to be mentioned.
Environmental precautions No environmental requirements.

4. FIRST AID MEASURES

Skin contact Wash with soap and water. If symptoms develop, obtain medical attention.
Eye contact Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Get medical attention if irritation persists.
Inhalation Move the exposed person to fresh air. If symptoms develop, obtain medical attention.
Ingestion Treat symptomatically and supportively. If symptoms develop, obtain medical attention.

5. FIRE FIGHTING MEASURES

Extinguishing media Carbon dioxide (CO₂) , dry chemical.
Fire hazards Burning produces irritating, toxic and obnoxious fumes. Carbon monoxide, carbon dioxide, and unknown hydrocarbons.
Protective equipment Wear: Self-contained breathing apparatus.

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6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Surfaces contaminated with the product will become slippery.
Environmental precautions	No environmental requirements.
Clean up methods	Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal.

7. HANDLING AND STORAGE

Handling	Always replace cap after use. Never return unused material to storage receptacle.
Storage	Keep in a cool, dry, well ventilated area. Avoid the absence of air, and metal contamination.
Suitable packaging	Do not repack.
Specific use	This product is not recommended for use in joints which will be in contact with either pure oxygen or steam.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory protection	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	Safety glasses, goggles or face shield to protect against splashing. Personal eye protection should conform to EN 166
Protective equipment	Employee must wear appropriate protective clothing and equipment to prevent any possibility of skin contact with this substance. Wash before eating, drinking, or using toilet facilities.

9. PHYSICAL AND CHEMICAL PROPERTIES

Description	Liquid.
Colour	Red.
Odour	Acrylic.
Flash point	>100°C
Vapour pressure	<5mm Hg
Relative density	1.1
Water solubility	insoluble in water.
Viscosity	~150000 mPa.s

10. STABILITY AND REACTIVITY

Stability	Stable.
Conditions to avoid	Avoid the absence of air, and metal contamination.
Materials to avoid	Metals and their salts, Reducing agents, Oxidizers, Free radical initiators.
Hazardous decomposition products	Thermal decomposition could produce carbon monoxide, carbon dioxide, and unidentified organic compounds.

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11. TOXICOLOGICAL INFORMATION

Corrosivity	Irritating to eyes, respiratory system and skin.
Sensitization	May cause sensitisation by skin contact.
Mutagenic effects	None known .
Carcinogenic effects	None known .
Further 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.

12. ECOLOGICAL INFORMATION

Ecotoxicity	No data is available on this product.
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13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

Further information	The product is not classified as dangerous for carriage.
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15. REGULATORY INFORMATION

Symbols	Xi - Irritant 
Risk phrases	R36/37/38 - Irritating to eyes, respiratory system and skin. R43 - May cause sensitisation by skin contact.
Safety phrases	S24 - Avoid contact with skin. S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S37 - Wear suitable gloves.
Product contains	Hydroxypropyl methacrylate. Hydroxyethyl methacrylate.

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16. OTHER INFORMATION

Text of risk phrases in Section 2

R10 - Flammable.
R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed.
R21/22 - Harmful in contact with skin and if swallowed.
R23 - Toxic by inhalation.
R34 - Causes burns.
R35 - Causes severe burns.
R36 - Irritating to eyes.
R36/37/38 - Irritating to eyes, respiratory system and skin.
R36/38 - Irritating to eyes and skin.
R43 - May cause sensitisation by skin contact.
R48/20/22 - Harmful: danger of serious damage to health by prolonged exposure through inhalation and if swallowed.
R50 - Very toxic to aquatic organisms.
R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R7 - May cause fire.

General information

Directives 1999/45/EC and 91/155/EEC have been considered when compiling this SDS. The information is provided for health and safety assessment by an industrial user. Reference should be made to any relevant local or national health, safety, and environmental legislation. This information does not constitute indication of suitability for specific uses.