

Material Safety Data Sheet (91/155/EG)

EURO-LOCK A 63.80 ANAEROBIC ADHESIVE

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1.1 Product

Trade name: A 63.80 ANAEROBIC ADHESIVE
Technical name: Anaerobic adhesive and sealant
Chemical name: methacrylate esters and composition

1.2 Company

EURO-LOCK
Kamener Str. 33
D 59368 Werne
02389/400400 Telefax: 400444

2. Composition/Information on ingredients

Hazardous ingredients		%	Classification	R-Phrases
UE N.607.				
134.00.4	Methacrylatester	>10	Xi	36/37/38
27813-02-1	Hydroxypropylmethacrylate	1-<20	Xi	36,43
	EINECS 248-666-3			
868-77-9	Hydroxyethylmethacrylate	1-<20	Xi	36/38,43
	EINECS 212-782-2			
79-10-7	acrylic acid	1-<5	C,N	10,20/21/22/ 35,50
	EINECS 201-177-9			
80-15-9	Cumene hydroperoxide	1	O,T,N	7,21/22/23, 34,48/20/22, 51/53
	EINECS 201-254-7			

3. The Main Hazard

Irritating to eyes, respiratory system and skin, may cause sensitization by skin contact.

4. First Aid Procedures

Product on skin:

immediately wash with water and soap. Remove contaminated clothing and wash before re-use. In case irritation persists consult a doctor.

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.. Obtain medical attention.

Product inhaled:

expose to fresh air.

5. Fire Protection

Extinguishing media:

water spray jet, foam, dry chemical, carbon dioxide.

Special extinguishing procedures:

wear self-contained breathing apparatus. Formation of toxic gases.

Explosion and firing hazard:

keep containers cool with water spray.

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6. Spillage

Wear protective equipment, ensure adequate ventilation, do not convey to sewage. Adsorb spills using earth or sand and collect for disposal according to regulations.

7. Handling and storage

Handling : avoid contact with skin and eyes.
use in well ventilated area.

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

8. Exposure control/Personal protection

Protect hands with PE or nitrile gloves, protective cream. Protect eyes with safety glasses. Do not drink, eat or smoke during use. After the use wash with water and soap.

9. Physical and chemical data

Odour : slightly pungent smell
Colour : green
Change of physical state : polymerisation over 100°C
Flash point (COC/DIN/ISO2592) : more than 100°C
Explosion limits : n.a.
Autoignition temperature : more than 380°C
Vapour pressure(20°C)DIN51616 : <3 mbar
Viscosity (Brookfield)(25°C) : 2500-3000 mPas
Water solubility (20°C) : not soluble
pH-value : 3-5
Density (20°C) DIN 51757 : 1,1 g/ml

10. Stability and reactivity

Product is stable at normal conditions of storage and use.

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

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

Hazardous decomposition products:
burning produces carbon oxide and toxic fumes.

11. Health hazard information

Acute Toxicity: LD 50 oral > 5000 mg/kg (rat)
for analogy with similar product
Skin: Irritant
Eyes: Irritant
Sensitization: Possible by skin contact
Inhalation: May irritate the respiratory system.
Ingredients which have exposure limits
Exposure Limits (TWA)
Acrylic acid ACGIH: TLV 2 ppm 8hrs. TWA

12. Environmental data

Do not convoy in water discharges.

Hazard class for water: WGK 1 (selfclassification).
slightly hazardous for water

13. Disposal

In accordance with local regulations.

European Waste nr: 080400

wastes from MFSU of adhesives and sealants

14. Transport information

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

Contains: Hydroxypropyl- Hydroxyethylmethacrylate

Risk and safety phrases:

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

R 43 May cause sensitization by skin contact.

S 26 In case of contact with eyes, rinse immediately
with plenty of water and seek medical advice.

S 28 After contact with skin wash immediately
with plenty of water and soap.

S 37/39 Wear suitable gloves and eye/face protection.

16. Additional information

The information contained herein is based on our present
state of knowledge and experience and according to
EC Regulations and other related: 91/155(2001/58),
67/548(2001/59), 1999/45(2001/60), 91/689(2001/118)
89/542, ADR 23.072001, IMDG-Code 30 and. IATA-DRG 2002.

Relevant R-Phrases:

R 10 Flammable

R 20/21/22 Harmful by inhalation, in contact with skin and
if swallowed.

R 23 Toxic by inhalation.

R 34 Causes burns.

R 35 Causes severe burns.

R 36 Irritating to eyes.

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

R 36/38 Irritating to eyes and skin.

R 43 May cause sensitization by skin contact.

R 48/20/22 Harmful, danger of serious damage to health by
prolonged exposure through inhalation and if
swallowed.

R 50 Very toxic to aquatic organism.

R 51/53 Toxic to aquatic organisms, may cause long term
adverse effects in the aquatic environment.

R 7 May cause fire.