



Q-Glue Stainless Steel Adhesive

Material Safety Data Sheet (91/155EG)

Product Code: 19.1331.000.00

Product Information

Trade name: A 63.80 ANAEROBIC ADHESIVE

Technical name: Anaerobic adhesive and sealant

Chemical name: methacrylate esters and composition

Company

Q-Railing, Marie-Curie – Strasse 14-18 D 46446 - Emmerich am Rhein, Germany

Composition/Ingredients Information

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/EINECS 201-177-9 35,50

80-15-9 Cumene hydroperoxide 1 O,T,N

7,21/22/23, EINECS 201-254-7 34,48/20/22, 51/53

Main Hazard

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

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.

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.

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.

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.

Expose 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.

Physical and Chemical Data

Odour : slightly pungent smell
Colour : green

Change of physical state : polymerization over 100°C

Flash point (COC/DIN/ISO2592) : more than 100°C

Explosion limits : n.a.

Auto ignition 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

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.

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

Environmental Data

Do not convey in water discharges.

Hazard class for water: WGK 1 (selfclassification).

Slightly hazardous for water.

Disposal

In accordance with local regulations.

European Waste nr: 080400

wastes from MFSU of adhesives and sealants

Transport Information

Way Class Label

Road-Rail ADR/RID : -- --

Sea IMO/IMDG : -- --

Air ICAO/IATA:-- --

Not classified. Labelling not required.

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 sensitisation 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.

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 Irritation to eyes, respiratory system and skin.

R 36/38 Irritation to eyes and skin.

R 43 May cause sensitisation 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.