

COMPANY**Chester Molecular Sp. z o.o.**

05 – 092 Łomianki ul. Krzywa 20 B, Poland
tel. (48 22) 751-28-06/ 08 fax (48 22) 751-28-07
NIP 118-12-33-782
REGON 012841322

1. Identification of the product**Name of the product:** Chester EVY**Application:** Performing machine foundation leakers. Assembly of bridge bearings.**2 Hazard identification****Base:**

Irritant. Dangerous for the environment. Irritating to eyes and skin. May cause sensitization by skin contact. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Reactor:

Corrosive. Harmful in contact with skin and if swallowed. May cause sensitization by skin contact. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

3. Composition and information on ingredients**Base**

liquid epoxy resins (average particle weight < 700)
(CAS: 25068-38-6) (WE: 500-033-5) 30-60% Xi; N; R36/38; R43, R51/53

Reactor

Triethylenetetramine
(CAS: 112-24-3) (WE: 203-950-6) <60% C; R21; R34; R43; R52/53

Isophorone Diamine
(CAS 2855-13-2) (WE: 220-666-8) 10-25% C, R21/22, R34, R43, R52/53

4. First aid measures

Take off the dirty clothes.

In the case of a contact with the skin, clean it with a paper towel or cellucotton, and then wash with water and soap, call a doctor in the case of swallowing it.

In the case of the substance getting into the eyes, wash them with a big quantity of water and direct the victim to an ophthalmologist.

5. Fire-fighting measures**Suitable extinguishing media:** sand, water, foam, powder, or snow extinguishers**Specific hazards:** nitrogen oxides, carbon oxide, carbon dioxide**6. Accidental release measures****Personal precautions:** As in item 8.**Environmental precautions:** Scrape the majority of the product into a suitable labelled container. Refer to disposal methods listed in section 13. Prevent product entering drains or sewers; watercourses, surface water drains. Method of cleaning and collecting: the splashed adhesive shall be collected in closed containers and neutralized according to local regulations**7. Handling and storage****Procedure with the product:**

Mixing the Base and the Reagent causes irrevocable hardening of the composition

Avoid contact with eyes, skin and clothing. Use in well ventilated areas. After use wash hands with water and soap.

Storage:

The storage temperature should not be lower than -20°C or higher than +40°C.

Keep and transport in a vertical position.

8. Exposure controls / personal protection**Exposure Limits:**

(CAS: 25068-38-6) – not determine

(CAS: 112-24-3) – not determine

(CAS 2855-13-2) – not determine

Respiratory Protection:

Not determine

Hand protection:

Rubber protection gloves

Eye protection:

Protective glasses

Others:

Protective clothing

Engineering Controls:

Ventilation: Use only with adequate ventilation. Provide general and/or local exhaust ventilation to control airborne levels below the exposure guidelines

9. Physical and chemical properties

Form	Base: half-liquid Reactor: liquid
Color	Base: black Reactor: light yellow
Odor	Reactor: amine
Density after hardening	1.5 g/cm ²
Base density	1.5 g/cm ²
Reactor density	1.5 g/cm ²
Viscosity	>1000cP
Ignition temperature	>350 °C
Auto ignition temperature	not determine
Limit of explosiveness	not determine
Reactivity	not determine
Corrosive properties	not determine

10. Stability and reactivity

Stability: Stable under normal storage condition

Dangerous decomposition products: None if applied and stored according to recommendations.

11. Toxicological information

CAS 25068-38-6

Inhalation : LC₅₀ – not determined

Skin irritation: LD₅₀ (Rabbit) – 2000 mg/kg

Ingestion : LD₅₀ (rat) – 2000 mg/kg

Irritating to eyes and skin. May cause sensitization by skin contact.

(CAS 112-24-3)

Inhalation : LC₅₀- not determined

Skin irritation: LD₅₀ (rabbit) 805 mg/kg

Ingestion : LD₅₀(rat) 2500 mg/kg

Causes burns. Harmful in contact with skin and if swallowed

(CAS 2855-13-2)

Inhalation : LC₅₀ – not determined

Skin irritation: LD₅₀ – not determined

Ingestion : LD₅₀ (rat) – not determined

Irritating to eyes and skin. May cause sensitization by skin contact.

12. Ecological information

Base

(CAS: 25068-38-6)

LC₅₀, (Fish) 1-10 mg/l

EC₅₀, (crustaceans), 1-10 mg/l

Stable material, insoluble in water. Toxic to aquatic organisms. Prevent product entering drains or sewers; watercourses, surface water drains.

Reactor

(CAS: 112-24-3)

LC₅₀: (Daphnia magna, 48h) 40 mg/dm³

LC₅₀: (Fish, 96h) 330 mg/dm³

(CAS 2855-13-2)

EC₅₀: (Daphnia magna, 24h) 44 mg/dm³

Toxic to aquatic organisms. Prevent product entering drains or sewers; watercourses, surface water drains.

13. Disposal considerations

The product:

Not hardened wastes should be utilized according to valid regulations, seeking first of all any possibility of their reutilization.

Code : 08 04 99

Packaging :

LDPE:

Code: 15 01 02

Metal:

Code 15 01 04 – empty and cleaned (packaging “reactor” with water, packaging “base” with acetone)

Code 15 01 10 – not completely empty

14. Transport information

Transport	ADR
UN	3267
Class	8
Classification code	C7
Group of packing	III

The right transport name: LIQUID IRRITANT ORGANIC MATERIAL I.N.O (mixing of aliphatic amines modified)

15. Regulatory information**Base:**

Xi – Irritant

N - Dangerous for the environment



Xi

Determination of the type of the danger:

R36/38 – Irritating to eyes and skin.

R43 – May cause sensitization by skin contact.

R51/53 – Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Determination of a correct handling of the product:

S1/2- Keep locked up and out of the reach of children.

S28 – After contact with skin, wash immediately with plenty of water

S36/37/39 – Wear suitable protective clothing, gloves and eye/face protection.

S45 – In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Reactor:

C - Corrosive



C

Determination of the type of the danger:

R21/22 – Harmful in contact with skin and if swallowed.

R34 – Causes burns.

R43 – May cause sensitization by skin contact.

R52/53 – Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Determination of a correct handling of the product:

S1/2 – Keep locked up and out of the reach of children.

S26 – In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36/37/39 – Wear suitable protective clothing, gloves and eye/face protection.

S45 – In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

S61 – Avoid release to the environment. Refer to special instructions/Safety data sheets.

16. Other information

Xi – Irritant

Xn – Harmful

C – Corrosive

N – Dangerous for the environment

R21 – Harmful in contact with skin.

R21/22 – Harmful in contact with skin and if swallowed.

R34 – Causes burns.

R36/38 – Irritating to eyes and skin.

R43 – May cause sensitization by skin contact.

R51/53 – Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R52/53 – Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

It is the newest version of the Safety Data Sheet for the material. The information contained in the card are not technical data. It cannot be interpreted as a guarantee of its properties. The user's duty includes the checking of the usefulness of the product for certain applications and an assurance of a safe work position, as well as the observance of all valid legal regulations.