

**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**1. Identification of the product****Name of the product:** Chester Elastomer 60F  
Chester Elastomer 75F  
Chester Elastomer 90F**Application:** Two component polyurethane elastomer**2 Hazard identification**

Reactor:

Harmful. Irritating to eyes, respiratory system and skin. May cause sensitization by inhalation and skin contact.

**3. Composition and information on ingredients**

Base:

-

Reactor:

4,4'-diphenylmethane diisocyanate (CAS 101-68-8) &lt;25% Xn; R36/37/38-42/43

**4. First aid measures**

Take off the dirty clothes,

After contact with skin, wash immediately with plenty of water and soap

If swallowed, seek medical advice immediately and show this container or label

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

**5. Fire-fighting measures**

Suitable extinguishing media:

sand, water, foam, powder, or snow extinguishers

Specific hazards:

nitric oxides, carbon monoxide and dioxide

**6. Accidental release measures**

Personal precautions: wear protective clothes (section 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.

**7. Handling and storage**

Procedure with the product:

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

Storage:

Transport it only with covered transportation means.

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

Keep and transport it in a vertical position.

**8. Exposure controls / personal protection**

Exposure Limits:

CAS: 101-68-8

NDS-0,05 mg/m<sup>3</sup>; NDSP – 0,2 mg/m<sup>3</sup>

Respiratory Protection

No respiratory protection should be needed

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**

appearance

liquid

colour

the base – black

the reactor – white

odour

the base - slightly noticeable

the reactor – slightly noticeable

melting temperature

N.A.

freezing point

N.A.

density

1,22 g/cm<sup>3</sup>

ignition temperature

over 350°C

explosive limits

N.A.

#### 10. Stability and reactivity

Stability

Stable under normal storage condition

Hazardous decomposition products:

None if applied and stored according to recommendations.

#### 11. Toxicological information

CAS 101-68-8

Inhalation : LC50 (rat) 490 mg/m<sup>3</sup> for 4h

Skin irritation: LD50 (rabbit) >9000mg/kg

Ingestion : LD50 (rat) >5000mg/kg

Irritating to eyes, respiratory system and skin. May cause sensitisation.

#### 12. Ecological information

Base: The product should not be allowed to enter drains or watercourses, ground or surface waters.

Reactor :

Ecotoxicity: EC50 (Daphnia magna 24h) >1000mg/dm<sup>3</sup>

LC50 (Archocentrus nigrofasciatus 96h) >1000mg/l

The product should not be allowed to enter drains or watercourses, ground or surface waters.

#### 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 10

Packaging :

Code: 15 01 01

Code: 15 01 04

#### 14. Transport information

Regulations do not apply to this product.

#### 15. Regulatory information

Labeling:

BASE:

none

REACTOR:

Xn – Harmful

contains 4,4'-diphenylmethane diisocyanate



Xn

Risk phrases:

R36/37/48 – Irritating to eyes, respiratory system and skin

R42/43 – May cause sensitization by inhalation and skin contact

Safety phrases:

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

S23 – Do not breathe gas/fumes/vapour/spray

S36/37 –Wear suitable protective clothing and gloves

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

#### 16. Other information

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.