

1. Identification of the product and the company

1.1. Name of the chemical substance: **Chester Elastomer 75T**

1.2. Company:

"Chester Molecular" Sp. z o.o
05 - 092 Łomianki ul. Krzywa 20 B
tel. (48 22) 751-28-06/08 fax (48 22) 751-28-07
NIP 118-12-33-782
REGON 012841322

2. Composition and information about ingredients

The base:

Adypine acid polyester	-	< 50%	-
diethylene and trimethylopropylene glycole			
1,4 - butanodiol	(CAS 110-63-4)	> 40%	-
Benzyloamine	(CAS 100-46-9)	< 4 %	C;R34

Reagent:

Diphenylomethane diizocyanate	(CAS 9016-87-9)	>25%	XnR20-36/37/38-42
Adypine acid polyester	-	>50%	-
diethylene and trimethylopropylene glycole			

3. Determination of the threat

3.1. Warning symbol:

Base:

C – Irritant substance

Reagent:

Xn - Detriment substance

3.2. Type of the danger:

Base:

R34 – Causes burns

Reagent

R20 - Detrimental in case of contact with the respiration

R36/37/38 - Irritant for the eyes, and skin

R42 - May cause allergy in the case of a contact with the skin

4. First aid

- 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. Procedure in the case of a fire

Fire extinguishing means: sand, water, foam, powder, or snow extinguishers,
Dangerous decomposition products: nitric oxides, carbon oxide and dioxide

6. Procedure in the case of spilling/scattering

- Personal care: as in item 8
- Environmental protection: The product not soluble in water, it constitutes a minimal threat for the atmospheric air, as well as for water and soil.
- Method of cleaning and collecting: the splashed adhesive shall be collected in closed containers and neutralized according to local regulations.

7. Procedure with the product and its storage

7.1. Procedure with the product:

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

7.2. Storage:

- Keep it in dry rooms
- Transport it only with covered transportation means.
- The storage temperature should not be lower than -20°C or higher than +40°C.
- Keep it and transport it far from an open flame, heat sources, or vibration sources.
- Keep and transport it in a vertical position.
- Protect it against an influence of a high humidity, excessive sun rays exposure, or effect of vapours, e.g. the fog of chemical substances, including acids, bases, dissolvents, and detergents.
- Keep and transport it far from food articles.

8. Personal protection means

- 8.1. Protection of the respiratory tract:
Ensure an appropriate ventilation
- 8.2. Protection of hands:
Rubber protection gloves
- 8.3. Protection of eyes:
Protective glasses
- 8.4. Protection of the body:
Work clothes

9. Physico-chemical properties

- form dense liquid – *the reagent*, tixotropic mass - *the base*
- colour the base – black
the reagent – cream
- smell the base - slightly noticeable
the reagent – slightly noticeable
- melting temperature not applied
- freezing point not applied
- density 1,18 g/cm³ – the base; 1,21 g/cm³ – the reagent
- ignition temperature over 350°C
- explosive limits not applied

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

10. Stability and reactivity:

10.1. Conditions that should be avoided:

- It does not undergo the decomposition when stored in recommended conditions and when applied according to its purpose.

10.2. Materials that should be avoided:

- Protect it against an influence of a high humidity, excessive sun rays exposure, or effect of vapours, e.g. the fog of chemical substances, including acids, bases, dissolvents, and detergents.

10.3. Dangerous decomposition products:

- None if applied and stored according to recommendations.

11. Toxicological information

DL50 digestive tract, the rat 25 < DL50 < 200 mg / kg

DL50 after the contact with the skin, the rat or rabbit 50 < DL50 ≤ 400 mg / kg

Reagent: Irritant for the eyes and skin; it can cause allergy in the case of a contact with the skin.

The base: It causes burns;

12. Ecological information

Stable material, not soluble in water, not poses any threat to the environment

13. Information about the removal of wastes

The product:

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

14. Classification and marking in the transport

The material does not pose any threat during the transportation and it is not subject to RID/ADR regulations.

The product can be transported by any closed transportation means, in original, tightly closed packagings.

15. Marking unit packages

The label should contain the following marks and symbols:

BASE:

C – Irritant substance

Determination of the type of the danger:

R34 - Determination of the type of the danger:

S1/2 – Keep closed and outside the reach of children

S26 – In the case of a contact with the eyes, wash the eyes immediately with big quantities of water and ask for a medical help.

S45 - In the case of a failure or if you feel unwell, consult a doctor (show the label if it is possible)

REACTOR:

X_n – Detriment substance

Determination of the type of the danger:

R33 - Cumulation danger

R36/37 – Irritant for the eyes and respiratory system,

R42 – May cause allergy in the case of a contact with the respiratory system

Determination of a correct handling of the product:

S2 – Keep closed and outside the reach of children

S26 – In the case of a contact with the eyes, wash the eyes immediately with big quantities of water and ask for a medical help.

S28 – Immediately wash the dirty skin with a big quantity of water.

S36/37 – wear appropriate protective closed and gloves.

S45 - In the case of a failure or if you feel unwell, consult a doctor (show the label if it is possible)

16. Additional information

It is the newest version of the Security Card for the material. The information contained in the card are 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.