

1. Identification of the product and the company

1.1 Name of the chemical substance: **Chester Molecular S4-01**

1.2 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

2. Composition and information about ingredients

methacrylates	(CAS: 97-90-5)	>60% Xi; R36/37/38
acrylate	(no.607-133-00-9)	>30% Xi; R36/37/38

3. Determination of the threat

3.1 Warning symbol:

X_i – Irritant substance,

3.2 Type of the danger:

R36/37/38 – Irritant for the eyes, respiratory system, and 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
- 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
- in the case of swallowing it, consult a doctor and present him/her information about the product

5. Procedure in the case of a fire

- Fire extinguishing means: foam, water, snow extinguisher, sand
- Dangerous decomposition products: carbon oxide and dioxide

6. Procedure in the case of spilling/scattering

- Personal care: as in item 8
- Environmental protection: the adhesive is a product not soluble in water, it constitutes a minimal threat for the atmospheric air, as well as for water and soil. Avoid the percolation of the adhesive into the sewage disposal system, water containers, rivers, ground waters, 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:

No detailed recommendations.

7.2. Storage:

- Keep it in dry rooms
- The storage temperature should not be lower than +5 °C or higher than +28 °C; temperature recommended is 10 °C ± 5 °C
- Keep and transport it in a vertical position
- Transport it only with covered transportation means
- Keep and transport it far from food articles
- Keep it and transport it far from an open flame, heat sources, or vibration sources

8. Personal protection means

The following is recommended in the case of a long-lasting direct contact with the product:

8.1. Protection of the respiratory tract:

- Ensure an appropriate ventilation

8.2. Protection of hands:

- Protective gloves

8.3. Protection of eyes:

- Protective glasses

8.4. Protection of the body:

- Work clothes

9. Physico-chemical properties

9.1.	form	paste
	colour	green
	smell	slightly detectable
9.2.	boiling temperature	> 100°C
9.3.	melting temperature	not applied
9.4.	vapour pressure	< 1mmHg (20°C)
9.5.	solubility	in water - none
9.6.	density	1,3 g/cm ³
9.7.	ignition temperature	over 350°C
9.8.	explosion limits	not applied
9.9.	self-ignition temperature	not applied
9.10.	reactivity	not applied
9.11.	corrosive properties	not applied

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

CL₅₀ after an inhalation exposure to vapours or gases, not established,
DL₅₀ the digestive tract, not established

It is irritating for the skin, eyes, respiratory tract, digestive tract.

12. Ecological information

Stable material not posing any threat to the environment.

13. Information about the removal of wastes

Product:

Utilize liquid wastes according to valid regulations. Recommended thermal utilization.

Code of wastes:

08 04 02 Waste adhesives, putty, and packing not containing halogen-organic dissolvents. Dz.U. No. 162, item 1135.

Packages:

HDPE numerical code 2; it can be reprocessed after emptying.

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:

X_i – Irritant substance



Material Safety Data Sheet

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Determination of the type of the danger:

R36/37/38 – Irritant for the skin, eyes and 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.

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 place, as well as the observance of all valid legal regulations.