

AnyShape ApS

Material Safety Data Sheet (MSDS)

SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product name:

AnyShape (Hard Shape & Soft Shape)

Product identifier:

2-oxepanone, homopolymer

CAS No.: 24980-41-4

EC No.: polymer

Registration number:

The product is exempt from Reach registration (polymer).

How To Use:

AnyShape is a plastic material which softens when heated to 60 ° C, after which it can be shaped by hand. Once the plastic has cooled to room temperature, it becomes hard again.

AnyShape can be shaped again and again.

AnyShape is not suitable for children under 3 years due. Suffocation.
Children under 8 should not shape AnyShape without adult supervision.

See further instruction on www.makeanyshape.com

Details of the supplier of the safety data sheet**Manufacturer/Supplier:**

AnyShape ApS

Mariendalvej 20

DK-9500 Hobro

Denmark

www.makeanyshape.com

In case of an accident:

Contact your doctor or nearest hospital.

SECTION 2: Hazards identification

Classification according to Directive 67/548/EEC or Directive 1999/45/EC:

The substance is not classified as hazardous to health or the environment according to the substance directive.

Mærkningselementer:

Hazard designation: There are no special risks associated with this product.

Be aware though that AnyShape be heated to 60° C in order to shape it, and there is a risk that you may get burned when handling hot water or other hot objects. If an accident occurs so that cooling with lukewarm water and seek medical advice.

SECTION 3: Composition/information on ingredients

Chemical components:

CAS: 24980-41-4, Polymer 2-oxepanone, homopolymer ≥ 99%

SECTION 4: First aid measures

Description of first aid measures**After inhalation:**

First aid measures not required, but get fresh air for personal comfort.

After skin contact:

First aid measures not required, but wash exposed skin with soap and water for hygienic reasons. If burned cool fast with lukewarm water and seek medical advice.

After eye contact:

Rinse opened eye under running water.

After swallowing:

Rinse mouth with water.

If a large quantity has been ingested or you feel unwell, get medical advice/attention.

SECTION 5: Firefighting measures**Suitable extinguishing agents:**

- Water
- Foam
- Carbon dioxide
- Fire-extinguishing powder

For safety reasons unsuitable extinguishing agents:

- Water with full jet

Special hazards arising from the substance or mixture

In case of fire, the following can be released:

- Carbon monoxide (CO)
- Monomer (2-Oxepanone, Hexan-6-olide, CAS 502-44-3)

SECTION 6: Handling and storage**Opbevaring:**

Keep away from heat and direct sunlight.

Store in cool, dry conditions in well sealed receptacles.

SECTION 7: Physical and chemical properties**Information on basic physical and chemical properties****General Information**

Form: Granulate. Diameter Approx. 3 mm

Color: White

Odour: Odourless

Melting point/Melting range:	58-60 °C
Flash point:	275°C
Decomposition temperature:	200 °C
Danger of explosion:	Not explosive.
Density at 60°C:	1,1 g/cm ³
Solubility in / Miscibility with water:	Insoluble.
Mean molecular weight (Hard Shape):	80.000
Mean molecular weight (Soft Shape):	50.000
Elongation at break:	800%

SECTION 8: Stability and reactivity**Possibility of hazardous reactions:**

No dangerous reactions known.

Conditions to be avoided:

Overheating and direct sunlight.

Incompatible materials:

Avoid contact with acids.

Avoid contact with bases.

Hazardous decomposition products:

Possible decomposition and release of monomer at temperatures above 200°C.

SECTION 9: Toxicological information**Skin Contact**

No irritation

Eye contact:

No chemical irritation, but irritation may occur due to mechanical contact.

When shaping:

Danger of burn injuries due to skin contact at high temperatures.

SECTION 10: Ecological information**Other information:**

The product is readily biodegradable.

General notes:

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

SECTION 11: Disposal considerations**Waste treatment methods**

The product is not classified as hazardous waste. Incinerate at a licensed installation.

European waste catalogue

16 03 06 Organic wastes other than those mentioned in 16 03 05.

NOTE: Disposal must be done according to local regulations.