

## 1 Identification of substance

- **Trade name:** **Capa® 6800**
  - **Application of the substance / the preparation**  
Footwear industry  
Film  
Pharmaceuticals  
Automotive industry
  - **Manufacturer/Supplier:**  
Perstorp UK Limited  
Baronet Road  
Warrington  
Cheshire WA4 6HA  
United Kingdom  
Tel. +44 (0) 1925 643500  
Fax. +44 (0) 1925 232207  
Web: www.perstorp.com  
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- Perstorp Polyols Inc  
600 Matzinger Road  
Toledo, Ohio 43612  
Tel. 419-729-5448,  
800-537-0280  
Fax. 419-729-3291
- **Information department:** Corporate EHSQ Perstorp Holding AB.
  - **Emergency information:**  
(United States) - CHEMTREC 1-800-424-9300.  
(Int.) +46 8 337043 (Emergency Response Center, Sweden)

## 2 Composition/Data on components

- **Chemical components:**

CAS NO.	Description	%
24980-41-4	2-Oxepanone, homopolymer	>99%

## 3 Hazards identification

- **Classification system:**  
The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.

- **NFPA ratings (scale 0 - 4)**



Health = 0  
Fire = 1  
Reactivity = 0

- **HMIS-ratings (scale 0 - 4)**

HEALTH	0
FIRE	1
REACTIVITY	0

Health = 0  
Fire = 1  
Reactivity = 0

- **Additional information:**

Caution - substance not yet fully tested.

Due to the structure of the substance and studies made on similar products we assume that the product is unclassified.

# Material Safety Data Sheet

## acc. to ISO/DIS 11014

10/26/2009

Reviewed on 10/26/2009

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### 4 First aid measures

- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**  
Immediately wash with water and soap and rinse thoroughly.  
After contact with the molten product, cool rapidly with cold water.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.

### 5 Fire fighting measures

- **Suitable extinguishing agents:**  
Fire-extinguishing powder  
Foam  
Carbon dioxide  
Water spray
- **Special hazards caused by the material, its products of combustion or resulting gases:**  
In case of fire, the following can be released:  
Carbon monoxide (CO)  
Monomer (2-Oxepanone, Hexan-6-olide, CAS 502-44-3)
- **Protective equipment:** Wear self-contained respiratory protective device.

### 6 Accidental release measures

- **Person-related safety precautions:** Wear protective equipment. Keep unprotected persons away.
- **Measures for environmental protection:**  
Do not allow product to reach sewage system or any water course.
- **Measures for cleaning/collecting:** Pick up mechanically.

### 7 Handling and storage

- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store only in the original receptacle.
- **Further information about storage conditions:**  
Store in cool, dry conditions in well sealed receptacles.

### 8 Exposure controls and personal protection

- **Components with limit values that require monitoring at the workplace:**  
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Personal protective equipment:**
- **Breathing equipment:**  
Use suitable respiratory protective device in case of insufficient ventilation.  
Filter P1
- **Protection of hands:**



Protective gloves

- **Material of gloves**  
PVC gloves  
Chloroprene rubber, CR  
Butyl rubber, BR

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-USA-

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- **Penetration time of glove material**  
The exact breakthrough time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:**



Safety glasses

## 9 Physical and chemical properties

### · General Information

<b>Form:</b>	Granulate
<b>Color:</b>	White
<b>Odor:</b>	Odorless

### · Change in condition

<b>Melting point/Melting range:</b>	58-60 °C (136-140 °F)
<b>Boiling point/Boiling range:</b>	Undetermined.

· **Flash point:** 275 °C (527 °F)

· **Ignition temperature:**

· **Decomposition temperature:** 200 °C (392 °F)

· **Auto igniting:** Product is not selfigniting.

· **Danger of explosion:** Product does not present an explosion hazard.

· **Density at 60 °C (140 °F):** 1.1 g/cm<sup>3</sup>

· **Solubility in / Miscibility with Water:**

Insoluble.

· **Segregation coefficient (n-octanol/water):** Undetermined.

· **Viscosity:**

**Dynamic at 100 °C (212 °F):** 8000000 mPas

## 10 Stability and reactivity

### · **Thermal decomposition / conditions to be avoided:**

To avoid thermal decomposition do not overheat.

### · **Materials to be avoided:**

Avoid contact with acids.

Avoid contact with bases.

### · **Dangerous products of decomposition:**

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

## 11 Toxicological information

### · **Acute toxicity:**

· **LD/LC50 values that are relevant for classification:** Not available.

### · **Primary irritant effect:**

· **on the skin:** No irritant effect.

· **on the eye:** No irritating effect.

· **Sensitization:** No sensitizing effects known.

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· **Additional toxicological information:**

The product is not subject to classification according to internally approved calculation methods for preparations:

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

## 12 Ecological information

· **Information about elimination (persistence and degradability):**

· **Other information:** The product is readily biodegradable.

· **Ecotoxicological effects:**

· **Remark:** The product is not classified as dangerous to the environment.

## 13 Disposal considerations

· **Recommendation:** Disposal must be made according to official regulations.

## 14 Transport information

· **DOT regulations:**

· **Hazard class:** -

· **Land transport ADR/RID (cross-border):**

· **ADR/RID class:** -

· **Maritime transport IMDG:**

· **IMDG Class:** -

· **Air transport ICAO-TI and IATA-DGR:**

· **ICAO/IATA Class:** -

· **Transport/Additional information:** Not dangerous according to the above specifications.

## 15 Regulations

· **Sara**

· **Section 355 (extremely hazardous substances):**

None of the ingredient is listed.

· **Section 313 (Specific toxic chemical listings):**

None of the ingredients is listed.

· **TSCA (Toxic Substances Control Act):**

24980-41-4 | 2-Oxepanone, homopolymer

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· **Proposition 65**

· **Chemicals known to cause cancer:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

· **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

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· **Carcinogenicity categories**

· **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

· **IARC (International Agency for Research on Cancer)**

None of the ingredients is listed.

· **NTP (National Toxicology Program)**

None of the ingredients is listed.

· **TLV (Threshold Limit Value established by ACGIH)**

None of the ingredients is listed.

· **MAK (German Maximum Workplace Concentration)**

None of the ingredients is listed.

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

· **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

· **Canadian Domestic Substance List (DSL)**

All ingredients are listed.

· **Chinese Chemical Inventory of Existing Chemical Substances**

All ingredients are listed.

· **Japan Existing and New chemical Substance List (ENCS)**

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· **Korea Existing Chemical Inventory**

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· **Product related hazard informations:**

The substance is not subject to classification according to the sources of literature known to us.  
Observe the general safety regulations when handling chemicals.

## 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Department issuing MSDS:** Corporate EHSQ Perstorp Holding AB

USA