

## 1. Identification of the substance/preparation

<b>Name of product</b>	<b>PD 955 PY</b>
<b>Manufacturer/distributor</b>	W. C. Heraeus GmbH & Co. KG Heraeusstr. 12 - 14, D-63450 Hanau Postbox 15 13, D-63405 Hanau Phone : + 49 6181 35 4233, Fax : + 49 6181 35 7860  E-Mail : joachim.schmidt@heraeus.com Internet : <a href="http://www.4cmd.com">http://www.4cmd.com</a>
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<b>Emergency advice</b>	Werkssicherheit : + 49 6181 35 213 Phone (USA) : + 1 800 255 3924

## 2. Composition/information on ingredients

### Chemical characterization

Colored paste, perceptible odor, immiscible with water, heavier than water.

### Hazardous ingredients

CAS-No.	Name	[% weight]	Classification
025068-38-6	proprietary epoxy hardener	25-45	Xi R36/38-43
	reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight = 700)	40 - 60	Xi, N R36/38-43-51/53

## 3. Special hazards information for man and environment

### R-phrases

36/38	Irritating to eyes and skin.
43	May cause sensitisation by skin contact.

## 4. First aid measures

### General information

Seek medical treatment when anyone has symptoms apparently due to inhalation, swallowing or contact with skin or eyes.

### In case of inhalation

In case of inhalation remove the casualty into fresh air and seek medical advice. Apply artificial respiration only if patient is not breathing or under medical supervision.

### In case of skin contact

After contact with skin, wash immediately with plenty of water. Take off immediately all contaminated clothing.

### In case of eye contact

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

### In case of ingestion

If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

## 5. Fire-fighting measures

### Suitable extinguishing material

Water spray, powder, C O2, foam.

### Extinguishing material that may not be used for safety reasons

no

**Special exposure hazards arising from the substance, combustible products or resulting gases**

Carbon monoxide, carbon dioxide, nitrogen oxides (NOx)

**Special protective equipment for firefighters**

Use breathing apparatus with independent air supply.

## 6. Accidental release measures

**Personal precautions**

Plastic or synthetic rubber gloves. Goggles giving complete protection to eyes.

**Methods for cleaning up/taking up**

Absorb in inert material such as sand or oil dry and collect in closed sheet metal barrels.

**Additional Information**

Informations for safe handling look up chapter 7.

Informations for personal protective equipment look up chapter 8.

Informations for disposal look up chapter 13.

## 7. Handling and storage

**Advice on safe handling**

Good industrial safety practice should be followed which includes preventing eye contact, minimizing skin contact, and minimizing inhalation of mist or vapor.

**Advice on protection against fire and explosion**

no

**Further information on storage conditions**

Keep container dry and tightly closed.

## 8. Exposure controls / personal protection

**Additional advice on system design**

look up chapter 7.1

**Hand protection**

Impermeable gloves

**Eye protection**

Eye protection such as chemical splash goggles and/or face shield must be worn when possibility exists for eye contact.

**Hygiene measures**

At work do not eat, drink and smoke. Remove soiled or soaked clothing immediately. Keep divorced from food and feed. Wash hands and skin before breaks and after work.

## 9. Physical and chemical properties

**Form**  
pasty

**Colour**  
yellow

**Odour**  
mild

**Data relevant for safety**

	Value	Temperature	at	Method	Remark
<b>Density</b>	1,2 g/cm <sup>3</sup>	20 °C			
<b>Solubility in water</b>					insoluble

	Value	Temperature	at	Method	Remark
<b>Solubility/other</b>	95 %		ethanol		

## 10. Stability and reactivity

### Materials to avoid

Reactions with strong acids, oxidising agents and alkalies.

### Hazardous decomposition products

carbon monoxide and carbon dioxide

Nitrous oxides (NOx)

## 11. Toxicological information

### Experiences made from practice

Possible sensitization in case of persons suffering from hypersensitivity.

Irritates eyes and skin.

### Additional information

The product was classified on the basis of the calculation procedure of the preparation directive (88/379/EEC).

## 12. Ecological information

### General regulation

Ecological dates are not available.

## 13. Disposal considerations

### Waste code No.

20 01 28

### Name of waste

paint, inks, adhesives and resins other than those mentioned in 20 01 27

### Recommendations for the product

Collect waste separated in suitable, labeled and lockable containers. Remove in accordance with local official regulations. For recycling consult waste disposal centres.

### Recommendations for packaging

Untaminated packaging may be treated as household waste. Packaging that cannot be cleaned should be disposed of like the product.

## 14. Transport information

### Transport/further informations

No hazardous material as defined by the prescriptions.

## ! 15. Regulatory information

### Remarks for classification

The product is classified and labelled in accordance with EC directives/German regulations on dangerous substances.

### Classification

Xi Irritant

### R-phrases

36/38

Irritating to eyes and skin.

43

May cause sensitisation by skin contact.

**S-phrases**

- |    |   |
|----|---|
| 24 | Avoid contact with skin.  |
| 26 | In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. |
| 37 | Wear suitable gloves.   |

**! Hazardous ingredients for labeling**

reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight = 700)

**Special labelling for certain preparations**

Contains epoxy-containing compounds. Observe manufacturer's instructions.

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**16. Other information**

**Further information**

Prepared by W.C. Heraeus GmbH & Co. KG from the best knowledge available; no responsibility is accepted that the information is sufficient or correct in all cases.