

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

### 1.1 Product identifier

#### Identification on the label/Trade name

#### label designation/Name of product

2 COMPONENT EPOXY ADHESIVE V9500PK-PATRON-50G

#### Other means of identification

Hardener

**Product-no.:** 627-95001/627-95002

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

No data available

### 1.3 Details of the supplier of the safety data sheet

#### Supplier (manufacturer/importer/only representative/downstream user/distributor)

HellermannTyton GmbH

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Dept. responsible for information: Safety and Environmental Management

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### 1.4 Emergency telephone number

#### Emergency telephone number

Health and Safety Executive (HSE) Chemicals Regulation Directorate, Telephone: +44 151 951 3317

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

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

#### R-phrases

R43 May cause sensitization by skin contact.

R38 Irritating to skin.

R41 Risk of serious damage to eyes.

#### Categories of danger

R43

Xi; R38

Xi; R41

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

#### Health hazards

##### health hazards

Skin Corr. 1B

##### hazard statements for health hazards

H314 Causes severe skin burns and eye damage.

##### health hazards

Skin Sens. 1

##### hazard statements for health hazards

H317 May cause an allergic skin reaction.

## 2.2 Label elements

### Labelling (67/548/EEC or 1999/45/EC)

#### Hazard symbols and hazard statements of dangerous substances and preparations

Xi Irritant

#### R-phrases

R43 May cause sensitization by skin contact.

R38 Irritating to skin.

R41 Risk of serious damage to eyes.

#### S-phrases

S1/2 Keep locked up and out of the reach of children.

S25 Avoid contact with eyes.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S27/28 After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of (to be specified by the manufacturer).

S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

S64 If swallowed, rinse mouth with water (only if the person is conscious).

### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

#### Hazard pictograms



GHS05

GHS07

#### Signal word

Danger

#### Hazard Statements

##### Hazard statements for health hazards:

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

#### Precautionary Statements

##### General:

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

##### Prevention:

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

##### Response:

P301+ P330 + P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P302 + P352 IF ON SKIN: Wash with plenty of water/.

P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.

P363 Wash contaminated clothing before reuse.

##### Storage:

P405 Store locked up.

##### Disposal:

P501 Dispose of contents/container to .

## 2.3 Other hazards

No data available

## SECTION 3: Composition / information on ingredients

### 3.1/3.2 Preparation related information

#### Hazardous ingredients

toluene	0,5 - 1 %
CAS 108-88-3	
EC 203-625-9	
INDEX 601-021-00-3	
F R11; Repr.Cat.3 R63; Xn R48/20-65; Xi R38; R67	
Flam. Liq. 2, H225 / Skin Irrit. 2, H315 / Repr. 2, H361d / STOT SE 3, H336 / STOT RE 2, H373 / Asp. Tox. 1, H304	
fatty acids C18-unsaturated	40 - 60 %
Xi; R38; Xi; R41; R43	
Skin Irrit. 2, H315 / Eye Dam. 1, H318 / Skin Sens. 1, H317	
3,3'-Oxybis (ethyleneoxy)bis(propylamine)	5 - 10 %
CAS 4246-51-9	
EC 224-207-2	
C; R34;R52/53	
Skin Corr. 1B, H314 / Skin Sens. 1, H317 / Aquatic Chronic 3, H412	
Kaolin	40 - 60 %
CAS 1332-58-7	
EC 310-194-1	

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General information

Call a physician immediately. Change contaminated, saturated clothing.

#### Following inhalation

Remove casualty to fresh air and keep warm and at rest. In case of inhaling spray mist, consult a physician.

#### Following skin contact

After contact with skin, wash immediately with plenty of water and soap. In case of skin reactions, consult a physician.

#### After eye contact

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

#### After ingestion

If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention.

### 4.2 Most important symptoms and effects, both acute and delayed

No data available

### 4.3 Indication of any immediate medical attention and special treatment needed

No data available

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media

Carbon dioxide (CO<sub>2</sub>)

## 5.2 Special hazards arising from the substance or mixture

### Hazardous combustion products

Burning produces irritating, toxic and obnoxious fumes.

## 5.3 Advice for firefighters

### Special protective equipment for firefighters

In case of fire: Wear self-contained breathing apparatus.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

#### For non-emergency personnel

##### Personal precautions

Use personal protection equipment.

### 6.2 Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. Prevent spread over a wide area (e.g. by containment or oil barriers). Ensure waste is collected and contained.

### 6.3 Methods and material for containment and cleaning up

#### For containment

##### Suitable material for taking up

Absorbing material, organic

Water (with cleaning agent)

### 6.4 Reference to other sections

Safe handling: see section 7

Disposal: see section 13

Personal protection equipment: see section 8

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

#### Advices on general occupational hygiene

When using do not eat, drink, smoke, sniff. Work in well-ventilated zones or use proper respiratory protection. Avoid contact with skin, eyes and clothes. Remove contaminated, saturated clothing. Wash hands before breaks and after work.

### 7.2 Conditions for safe storage, including any incompatibilities

#### Requirements for storage rooms and vessels

Keep/Store only in original container. Keep container tightly closed. Ensure adequate ventilation of the storage area.

#### Further information on storage conditions

Keep container tightly closed in a cool, well-ventilated place.

### 7.3 Specific end use(s)

No data available

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

No data available

### 8.2 Exposure controls

#### Appropriate engineering controls

##### Technical measures to prevent exposure

refer to chapter 7. No further action is necessary.

## Personal protection equipment

### Eye/face protection

#### Suitable eye protection

Eye glasses with side protection

### Skin protection

#### Skin protection

#### Suitable gloves type

Gloves with long cuffs

#### Suitable material

PVC (Polyvinyl chloride)

NR (natural rubber, natural latex)

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### Appearance

#### Physical state

liquid

#### Colour

grey

#### Odour

characteristic

parameter	Method - source - remark
pH	No data available
Melting point/freezing point	No data available
Initial boiling point and boiling range	No data available
Flash point (°C)	No data available
Evaporation rate	No data available
Flammable solids	No data available
Flammable aerosols	No data available
Upper explosion limit (Vol-%)	No data available
Lower explosion limit (Vol-%)	No data available
Vapour pressure	No data available
Density	No data available
Vapour density	No data available
Fat solubility (g/L)	No data available
Water solubility (g/L)	No data available
Soluble (g/L) in	No data available
Partition coefficient: n-octanol/water	No data available
Auto-ignition temperature	No data available
Auto-ignition temperature	No data available

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parameter	Method - source - remark
Decomposition temperature	No data available
Explosives	No data available
Oxidising gases	No data available
Oxidising liquids	No data available
Oxidising solids	No data available

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## 9.2 Other safety information

No data available

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No data available

### 10.2 Chemical stability

The product is stable under storage at normal ambient temperatures.

### 10.3 Possibility of hazardous reactions

No data available

### 10.4 Conditions to avoid

No data available

### 10.5 Incompatible materials

#### Materials to avoid

Acid, concentrated

Oxidising agent, strong

### 10.6 Hazardous decomposition products

No data available

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### skin corrosion/irritation

##### Skin corrosion

###### Assessment/classification

Irritant.

##### Eye damage/irritation

###### Assessment/classification

Corrosive.

##### Respiratory or skin sensitisation

##### Skin sensitisation

###### Assessment/classification

May cause sensitization by skin contact.

## SECTION 12: Ecological information

### 12.1 Toxicity

No data available

### 12.2 Persistence and degradability

No data available

### 12.3 Bioaccumulative potential

No data available

### 12.4 Mobility in soil

No data available

### 12.5 Results of PBT and vPvB assessment

No data available

### 12.6 Other adverse effects

No data available

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### Appropriate disposal / Product

#### Appropriate disposal/Product:

Waste disposal according to official state regulations.

#### Appropriate disposal / Package

#### Contaminated packaging:

Handle contaminated packaging in the same way as the substance itself.

## SECTION 14: Transport information

	Land transport (ADR/RID)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1 UN-No.	not applicable	not applicable	not applicable
14.2 Proper Shipping Name			
14.3 Class(es)			
14.4 Packing group			
14.5 ENVIRONMENTALLY HAZARDOUS			
14.6 Special precautions for user			
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code			

#### remark - Land transport (ADR/RID)

No dangerous good in sense of this transport regulation.

#### remark - Sea transport (IMDG)

No dangerous good in sense of this transport regulation.

#### remark - Air transport (ICAO-TI / IATA-DGR)

No dangerous good in sense of this transport regulation.

## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

No data available

### 15.2 Chemical Safety Assessment

No data available

## SECTION 16: Other information

### Abbreviations and acronyms

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

### Additional information

#### Further remarks:

This data is based upon our actual knowledge, especially on the declaration of our suppliers and applies to our products, as they are delivered from HellermannTyton GmbH today and to the determined use. HellermannTyton GmbH takes neither an explicit nor a silent guarantee or liability in connection with the use of the information in this document for conditions of use of the product, HellermannTyton cannot influence.

#### Relevant R-, H- and EUH-phrases (Number and full text)

R11 Highly flammable.

R34 Causes burns.

R38 Irritating to skin.

R41 Risk of serious damage to eyes.

R43 May cause sensitization by skin contact.

R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R63 Possible risk of harm to the unborn child.

R65 Harmful: may cause lung damage if swallowed.

R67 Vapours may cause drowsiness and dizziness.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H314 Causes severe skin burns and eye damage.