



## Safety Data Sheet according to (EC) No 1907/2006 - ISO 11014-1

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sds no. : 290483  
V001.2

Pattex/Plastic Padding Super Epoxy, Syringe new fomula

Revision: 06.08.2009  
printing date: 02.09.2009

### 1. Identification of the substance/preparation and of the company/undertaking

**Trade name:**

Pattex Plastic Padding Super Epoxy Syringe Part A

**Intended use:**

2-Component epoxy adhesive

**Danish PR-number:**

Not yet assigned

**Company name:**

Henkel Norden AB  
Box 8823  
402 71 Göteborg

Sweden

Phone: +46 (31) 750 5400

**E-mail address of person responsible for Safety Data Sheet:**

ua-productsafety.norden@se.henkel.com

**Emergency information:**

+46 10 480 7500 (kontortid)

### 2. Hazards identification

The product is classified as hazardous within the meaning of the valid (EU) preparation directive.

Xi - Irritant

N - Dangerous for the environment

R36/38 Irritating to eyes and skin.

R43 May cause sensitisation by skin contact.

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Persons suffering from allergic reactions to epoxides should avoid contact with the product.

### 3. Composition / information on ingredients

**General chemical description:**

Reaction resin

**Base substances of preparation:**

Epoxy resin

**Declaration of ingredients according to (EC) No 1907/2006:**

Hazardous components CAS-No.	EINECS	content	Classification
Bisphenol-A epichlorhydrin resin MW <= 700 25068-38-6	500-033-5	> 90 %	Xi - Irritant; R36/38 R43 N - Dangerous for the environment; R51, R53

For full text of the R-Phrases indicated by codes see section 16 'Other Information'.

Substances without classification may have community workplace exposure limits available.

#### 4. First aid measures

**General information:**

In case of adverse health effects seek medical advice.

**Inhalation:**

Move to fresh air.

**Skin contact:**

Rinse with running water and soap. Skin care. Remove contaminated clothes immediately.

**Eye contact:**

Rinse immediately with plenty of running water, seek medical advice from a specialist.

**Ingestion:**

Rinse mouth and throat. Drink 1-2 glasses of water. Seek medical advice.

#### 5. Fire fighting measures

**Suitable extinguishing media:**

carbon dioxide, foam, powder, water spray jet, fine water spray

**Extinguishing media which must not be used for safety reasons:**

High pressure waterjet

**Special protection equipment for firefighters:**

Wear protective equipment.

Wear self-contained breathing apparatus.

#### 6. Accidental release measures

**Personal precautions:**

Ensure adequate ventilation.

Avoid contact with skin and eyes.

**Environmental precautions:**

Do not empty into drains / surface water / ground water.

**Clean-up methods:**

Remove with liquid-absorbing material (sand, peat, sawdust).

Dispose of contaminated material as waste according to item 13.

#### 7. Handling and storage

**Handling:**

Ensure that workrooms are adequately ventilated.

Avoid skin and eye contact.

**Storage:**

Store in sealed original container.  
Store frost-free.  
Store protected from heat influence.  
Temperatures between + 5 °C and + 30 °C  
Do not store together with food or other consumables (coffee, tea, tobacco, etc.).

**8. Exposure controls / personal protection**

**Engineering controls:**

No further information, see section 7.

**Respiratory protection:**

Suitable breathing mask when there is inadequate ventilation.

**Hand protection:**

For shorttime contact (e.g. as protection against splashes) protective gloves made from nitrile rubber are recommended according to EN 374.  
material thickness > 0.4 mm  
Perforation time > 240 minutes  
In the case of longer and repeated contact please note that in practice the penetration times may be considerably shorter than those determined according to EN 374. The protective gloves must always be checked for their suitability for use at the specific workplace (e.g. mechanical and thermal stress, product compatibility, antistatic effects, etc.). The gloves must be replaced immediately at the first signs of wear and tear. The information provided by the manufacturers and given in the relevant trade association regulations for industrial safety must always be observed. We recommend that a hand care plan is drawn up in cooperation with a glove manufacturer and the trade association in accordance with the local operating conditions.

**Eye protection:**

Protective goggles

**Skin protection:**

suitable protective clothing

**General protection and hygiene measures:**

Avoid contact with skin and eyes. Remove soiled or soaked clothing immediately. Wash off any contamination that gets onto the skin with plenty of water and soap, skin care.  
Do not eat, drink or smoke while working.  
Wash hands before work breaks and after finishing work.

**Danish Code Number:**

00-5 (1993)

**9. Physical and chemical properties**

**General characteristics:**

Appearance	liquid Viscous colourless, transparent
Odor:	slightly

**Phys./chem. properties:**

Density (20 °C (68 °F))	1,18 - 1,28 g/cm <sup>3</sup>
Viscosity (dynamic) (Brookfield; 23 °C (73.4 °F))	20.000 - 30.000 mPa.s
Solubility (qualitative) (20 °C (68 °F); Solvent: Water)	Insoluble

## 10. Stability and reactivity

**Conditions to avoid:**

No decomposition if used according to specifications.

**Materials to avoid:**

Reacts with amines, alcohols, acids and alkalis.  
Reaction with oxidants.

**Hazardous decomposition products:**

In the event of a fire, carbon monoxide (CO) and carbon dioxide (CO<sub>2</sub>) are released.

## 11. Toxicological information

**General toxicological information:**

Persons suffering from allergic reactions to epoxides should avoid contact with the product.

**Skin irritation:**

Primary skin irritation: irritating

**Eye irritation:**

Primary eye irritation: irritating

**Sensitizing:**

Cross-reactions with other epoxide compounds possible.  
Dermal sensitization: sensitizing.

## 12. Ecological information

**Persistence and degradability:**

**Ultimate biodegradation:**

The product is poorly biodegradable.

**General ecological information:**

Do not empty into drains, soil or bodies of water.

## 13. Disposal considerations

**Product disposal:**

Dispose of waste and residues in accordance with local authority requirements.

After curing with component B :

Can be added to household waste in small quantities.

The valid EEC waste code numbers are not product-related but are largely source-related. These can be requested from the manufacturer.

**Disposal of uncleaned packages:**

Use packages for recycling only when totally empty.

## 14. Transport information

**Road transport ADR:**

Class:	9
Packaging group:	III
Classification code:	M6
Hazard ident. number:	90
UN no.:	3082
Label:	9
Technical name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

**Railroad transport RID:**

Class: 9  
Packaging group: III  
Classification code: M6  
Hazard ident. number: 90  
UN no.: 3082  
Label: 9  
Technical name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

**Inland water transport ADN:**

Class: 9  
Packaging group: III  
Classification code: M6  
Hazard ident. number: 90  
UN no.: 3082  
Label: 9  
Technical name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

**Marine transport IMDG:**

Class: 9  
Packaging group: III  
UN no.: 3082  
Label: 9  
EmS: F-A ,S-F  
Seawater pollutant:  
Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

**Air transport IATA:**

Class: 9  
Packaging group: III  
Packaging instructions (passenger): 914  
Packaging instructions (cargo): 914  
UN no.: 3082  
Label: 9  
Proper shipping name: Environmentally hazardous substance, liquid, n.o.s.

**15. Regulations - classification and identification**

**Indication of danger:**

Xi - Irritant

N - Dangerous for the environment



**Contains**

Bisphenol-A epichlorhydrin resin MW <= 700

**Risk phrases:**

- R36/38 Irritating to eyes and skin.
- R43 May cause sensitisation by skin contact.
- R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Safety phrases:**

- S2 Keep out of the reach of children.
- S24/25 Avoid contact with skin and eyes.
- S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- S37 Wear suitable gloves.
- S46 If swallowed, seek medical advice immediately and show this container or label.
- S61 Avoid release to the environment. Refer to special instructions/Safety data sheets.

**Additional labeling:**

Contains epoxy constituents. See information supplied by the manufacturer.

**National regulations/information (Denmark):**

Danish Code Number: 00-5 (1993)

## 16. Other information

The labelling of the product is indicated in Section 15. The full text of the R-phrases indicated by codes in this safety data sheet are as follows:

- R36/38 Irritating to eyes and skin.
- R43 May cause sensitisation by skin contact.
- R51 Toxic to aquatic organisms.
- R53 May cause long-term adverse effects in the aquatic environment.

**Further information:**

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.



## Safety Data Sheet according to (EC) No 1907/2006 - ISO 11014-1

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Pattex/Plastic Padding Super Epoxy, Syringe new fomula

sds no. : 290483

V001.2

Revision: 06.08.2009

printing date: 02.09.2009

### 1. Identification of the substance/preparation and of the company/undertaking

**Trade name:**

Pattex Plastic Padding SuperEpoxy Syringe Part B new formula

**Intended use:**

2-Component epoxy adhesive

**Danish PR-number:**

Not yet assigned

**Company name:**

Henkel Norden AB

Box 8823

402 71 Göteborg

Sweden

Phone: +46 (31) 750 5400

### 2. Hazards identification

The product is classified as hazardous within the meaning of the valid (EU) preparation directive.

Xi - Irritant

R36/38 Irritating to eyes and skin.

R43 May cause sensitisation by skin contact.

Persons suffering from allergic reactions to amines should avoid contact with the product.

### 3. Composition / information on ingredients

**General chemical description:**

Hardener

**Base substances of preparation:**

Polymercaptan

**Declaration of ingredients according to (EC) No 1907/2006:**

Hazardous components CAS-No.	EINECS	content	Classification
N,N-Dimethyldipropyltriamine 10563-29-8	234-148-4	< 10 %	C - Corrosive; R34 Xn - Harmful; R21/22 Xi - Irritant; R43

For full text of the R-Phrases indicated by codes see section 16 'Other Information'.

Substances without classification may have community workplace exposure limits available.

#### 4. First aid measures

**General information:**

In case of adverse health effects seek medical advice.

**Inhalation:**

Move to fresh air.

**Skin contact:**

Rinse with running water and soap. Skin care. Remove contaminated clothes immediately.

**Eye contact:**

Rinse immediately with plenty of running water, seek medical advice if necessary.

**Ingestion:**

Rinse the mouth. Drink 1-2 glasses of water.  
Do not induce vomiting, seek medical advice immediately.

#### 5. Fire fighting measures

**Suitable extinguishing media:**

Foam.  
extinguishing powder  
Carbon dioxide.  
water spray jet

**Extinguishing media which must not be used for safety reasons:**

High pressure waterjet

**Special protection equipment for firefighters:**

Wear self-contained breathing apparatus.  
Wear protective equipment.

**Special hazards by the product itself:**

In the event of a fire, carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>) and nitrogen oxides (NO<sub>x</sub>) can be released.

#### 6. Accidental release measures

**Personal precautions:**

Avoid contact with skin and eyes.  
Keep unprotected persons away.  
Wear protective equipment.  
Ensure adequate ventilation.

**Environmental precautions:**

Do not empty into drains / surface water / ground water.

**Clean-up methods:**

Remove with liquid-absorbing material (sand, peat, sawdust).  
Dispose of contaminated material as waste according to item 13.

#### 7. Handling and storage

**Handling:**

Avoid skin and eye contact.



**Storage:**

Keep container tightly sealed and store in a frost free place.  
Store in a cool, dry place.  
Temperatures between + 10 °C and + 30 °C  
Do not store together with food or other consumables (coffee, tea, tobacco, etc.).

**8. Exposure controls / personal protection**

**Engineering controls:**

Ensure good ventilation/extraction.

**Respiratory protection:**

When processing large amounts.  
Suitable breathing mask when there is inadequate ventilation.

**Hand protection:**

For shorttime contact (e.g. as protection against splashes) protective gloves made from nitrile rubber are recommended according to EN 374.  
material thickness > 0.4 mm  
Perforation time > 240 minutes  
In the case of longer and repeated contact please note that in practice the penetration times may be considerably shorter than those determined according to EN 374. The protective gloves must always be checked for their suitability for use at the specific workplace (e.g. mechanical and thermal stress, product compatibility, antistatic effects, etc.). The gloves must be replaced immediately at the first signs of wear and tear. The information provided by the manufacturers and given in the relevant trade association regulations for industrial safety must always be observed. We recommend that a hand care plan is drawn up in cooperation with a glove manufacturer and the trade association in accordance with the local operating conditions.

**Eye protection:**

Protective goggles

**Skin protection:**

suitable protective clothing

**General protection and hygiene measures:**

Avoid skin and eye contact.  
Wash off any dirt that gets onto the skin with lots of soap and water, skin care.  
Do not eat, drink or smoke while working.  
Wash hands before work breaks and after finishing work.

**Danish Code Number:**

00-5 (1993)

**9. Physical and chemical properties**

**General characteristics:**

Appearance	liquid Viscous colourless
Odor:	typical

**Phys./chem. properties:**

Density (23 °C (73.4 °F))	1,08 - 1,18 g/cm3
Viscosity (dynamic) (Brookfield; 23 °C (73.4 °F))	12.000 - 18.000 mPa.s
Solubility (qualitative) (23 °C (73.4 °F); Solvent: Water)	Insoluble

## 10. Stability and reactivity

**Conditions to avoid:**

No decomposition if used according to specifications.

**Materials to avoid:**

Reacts with strong oxidants.  
Reaction with strong acids.

**Hazardous decomposition products:**

None known

## 11. Toxicological information

**General toxicological information:**

Persons suffering from allergic reactions to amines should avoid contact with the product.

**Skin irritation:**

Primary skin irritation: irritating

**Eye irritation:**

Primary eye irritation: irritating

**Sensitizing:**

Dermal sensitization: sensitizing.  
Cross-reactions with other amine compounds are possible.

## 12. Ecological information

**Persistence and degradability:**

**Ultimate biodegradation:**

The product is poorly biodegradable.

**General ecological information:**

Do not empty into drains, soil or bodies of water.

## 13. Disposal considerations

**Product disposal:**

Dispose of waste and residues in accordance with local authority requirements.  
After curing with component A :  
Can be added to household waste in small quantities.  
The valid EEC waste code numbers are not product-related but are largely source-related. These can be requested from the manufacturer.

**Disposal of uncleaned packages:**

Use packages for recycling only when totally empty.

## 14. Transport information

**General information:**

Not hazardous according to RID, ADR, ADNR, IMDG, IATA-DGR.

## 15. Regulations - classification and identification

### Indication of danger:

Xi - Irritant



### Contains

N,N-Dimethyldipropyltriamine

### Risk phrases:

R36/38 Irritating to eyes and skin.  
R43 May cause sensitisation by skin contact.

### Safety phrases:

S2 Keep out of the reach of children.  
S24/25 Avoid contact with skin and eyes.  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S37 Wear suitable gloves.  
S46 If swallowed, seek medical advice immediately and show this container or label.

### National regulations/information (Denmark):

Danish Code Number: 00-5 (1993)

## 16. Other information

The labelling of the product is indicated in Section 15. The full text of the R-phrases indicated by codes in this safety data sheet are as follows:

R21/22 Harmful in contact with skin and if swallowed.  
R34 Causes burns.  
R43 May cause sensitisation by skin contact.

### Further information:

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.