

## Elasto-Coat Comp B

### 1. IDENTIFICATION OF SUBSTANCE AND COMPANY

Approved for use

**Trade Name** Elasto-Coat Comp B

**Chem. Name** Formulation polyamine preparation

**Application** Hardeners

**ART No.**

**Producer/importer** Zel-Aaren Innovation AB

**Address** Frälsegårdsgatan 31

**Postal code** 505 94 Borås.

**Country** Sweden

**Telephone** +46 (0)33-25 76 40

**Fax** +46 (0)33-25 41 76

**Contact pers.** Sune Linde

**Responsible** Sune Linde

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

No	Ingredient name	EC No.	CAS No.	Conc. (wt%)	Classification
1	2,4,6-Tris(dimethylaminomethyl)phenol	202-013-9	90-72-2	1-5	Xn,R22 36/38
2	Trimethylhexamethylenediamine	247-134-8	25620-58-0	5-10	C,R22 34 43 52 53
3	Amines, coco alkyl	262-977-1	61788-46-3	5-10	CN,R-22-35-50
4	4-Nonyl-phenol	246-672-0	25154-52-3	10-30	CN,R-22-34-50/53

Legend: T+=Very toxic, T=Toxic, C=Corrosive, Xn=Harmful, Xi=Irritant, E=Explosive, O=Oxidising, F+=Extremely flammable, F=Highly flammable, N=Dangerous for the environment

#### INGREDIENT COMMENTS

R-phrases from section 2: See information under no 16

### 3. HAZARDS IDENTIFICATION



#### HEALTH

Causes burns. Harmful if swallowed. May cause sensitization by skin contact.

#### FIRE AND EXPLOSION

The product does not require labelling.



# MATERIAL SAFETY DATA SHEET

MSDS from **Zel-Aaren Innovation AB, Sweden**

Last changed: 2003-07-01

Internal No.:

Replaces date: 1999-08-13

## Elasto-Coat Comp B

### ENVIRONMENT

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### 4. FIRST AID MEASURES

#### GENERAL

Show this Material Safety Datasheet to the doctor.

#### INHALATION

Fresh air. Get medical advice if any discomfort continues.

#### SKIN CONTACT

Remove contaminated clothing. Wash the skin with water and soap. Get medical advice if irritation persists.

#### EYE CONTACT

Flush with large amounts of water (open eyelids) for at least 15 minutes. Get medical advice.

#### INGESTION

Rinse mouth carefully and drink water. If a person vomits when lying on his back, place him in a stable position, lying on one side. Do not induce vomiting without medical advice.

### 5. FIRE-FIGHTING MEASURES

#### EXTINGUISHING MEDIA

Extinguish with powder/carbon dioxide/foam. Water.

#### IMPROPER EXTINGUISHING MEDIA

Do not use strong water jet for extinguishing - may cause spattering of burning material.

#### PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS

Avoid inhalation of flue gas. Fresh air apparatus may be necessary.

#### OTHER INFORMATION

Containers close to fire should be removed immediately or cooled with water.

### 6. ACCIDENTAL RELEASE MEASURES

#### PERSONAL PRECAUTIONS

See headline no 8 for information about personal protective equipment

#### ENVIRONMENTAL PRECAUTIONS

Avoid discharge into drains.

#### METHODS FOR CLEANING UP

Absorb in an inactive absorbent i.e. vermiculite. Collect.

#### OTHER INFORMATION

See headline no 13 for information handling waste and destruction.

### 7. HANDLING AND STORAGE

#### HANDLING ADVICE

National board of occupational safety and health instruction about work with thermoset plastic shall be followed. Use personal protective equipment as specified in section 8. Provide good ventilation.



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#### STORAGE

Keep out of reach of children. Keep away from food and animal food. Keep container tightly closed. Store at temperatures between 2 and 40°C.

#### 8. EXPOSURE CONTROL/PERSONAL PROTECTION

##### EXPOSURE CONTROL

The work place and work methods shall be organised in such ways that direct contact with the product be prevented. Eyewash shall be found at the work place.

##### RESPIRATORY PROTECTION

Wear suitable respiratory protection.

##### EYE PROTECTION

Wear eye protection if there is a possibility of direct contact or splashes.

##### HAND PROTECTION

Protective gloves shall be used when there is a risk of direct contact or splashes. Rubber or plastic gloves

##### PROTECTIVE CLOTHING

Protective clothing shall be worn when there is a risk of direct contact or splashes.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid.		
Colour:	Yellowish.		
Odour:	Amine.		
Solubility:	Partly miscible in water. Soluble in organic solvents.		
Melting point/range:	Density:	~ 970 kg/m <sup>3</sup>	
Expl. limit LEL-UEL%:	Solubility in water:		
Vapour pressure:	Saturation conc.:		
Decomposition temp.:	Rel. dens. sat. air (air=1):		
pH solution:	~ 11 (1:1 dispersion)	Boiling point/range:	> 100°C
Flash point:	~112°C	pH concentrate:	
Molar weight:	Viscosity:		
Ignition temp.:	Odour threshold value:		
Rel.vap.dens.(air=1):	Rel. evap. velocity:		
Air reactive:	Water reactive:		



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#### 10. STABILITY AND REACTIVITY

##### MATERIALS TO AVOID

Avoid contact with strong acids and bases. Strong oxidizing agents.

##### HAZARDOUS DECOMPOSITION PRODUCTS

Nitric oxide. Carbon oxide. Burning produces unhealthy and toxic fumes.

#### 11. TOXICOLOGICAL INFORMATION

Acute oral tox.	LD50 Rat	400 - 1000 mg/kg calculated
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Acute derm. tox.
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Inh. toxicity
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##### SKIN CONTACT

May cause: Chemical burns. Irritation. Blush. Risk of allergic reactions.

##### EYE CONTACT

Causes burns. Risk of serious damage to eyes.

##### INGESTION

May cause chemical burns to mouth and throat.

##### SENSITIZATION

The product is classified as sensitizing.

#### 12. ECOLOGICAL INFORMATION

##### OTHER EFFECTS

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

##### OTHER INFORMATION

Collection of data is ongoing. Provide discharge in to the nature. There are no data available on the preparation itself.

#### 13. DISPOSAL CONSIDERATIONS

##### GENERAL REGULATIONS

To be disposed of according to local regulations.

Waste, leavings, discard gloves and protective clothing and packing must be collected in specially containers marked with UNHEALTHY WASTE and information about the risk of allergy.

After curing the product is not classified as harmful waste.

#### 14. TRANSPORT INFORMATION

Classified as Dangerous Goods:

Yes

No

N/A

## Elasto-Coat Comp B

UN No.: 2735

### PROPER SHIPPING NAME

AMINES LIQUID, CORROSIVE N.O.S. (Trimethylhexamethylenediamine)

### ADR/RID

Class: 8

Packing group:III

Danger form: 8

### IMDG

Class: 8

Packing group:III

Sub Risk:

EMS:F-A S-B

Marine Pollutant: -

### IATA

Class: 8

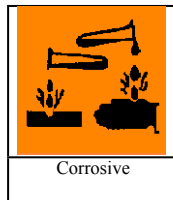
Packing group:III

Sub Risk:

Label: 8

## 15. REGULATORY INFORMATION

Classif.:



### COMPOSITION

Trimethylhexamethylenediamine (5-10), Amines, coco alkyl (5-10), 4-Nonyl-phenol (10-30)

### R-PHRASES

R34 - Causes burns.

R-22 Harmful if swallowed.

R43 - May cause sensitization by skin contact.

R-50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### S-PHRASES

S-2 Keep out of the reach of children.

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

S-36/37/39 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).

S-29 Do not empty into drains.

S-61 Avoid release to the environment. Refer to special instructions/safety data sheet.

### REFERENCES

Information from the raw material supplier.

## 16. OTHER INFORMATION

### VENDOR NOTES

All information is given, based on available information by the occasion of the classification.



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In due of changed classification of contained substances, the marking of the packing will be changed at the next printing of labels.

This product is intended to be used only by contractors and not intended for consumer in paint shop.

**Changes have been done in section no:** 2,3,4, 5, 7, 8, 10, 11, 12,13, 14, 15,16.

#### LIST OF ALL R-PHRASES

Nr.	R-Phrase text
R22	Harmful if swallowed.
R34	Causes burns.
R35	Causes severe burns.
R36/38	Irritating to eyes and skin.
R43	May cause sensitisation by skin contact.
R50	Very toxic to aquatic organisms.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

#### TRAINING ADVICE

When thermoset plastic products are professional used the prescription according thermoset plastic shall be followed.

**ISSUED:** 2003-07-01

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#### USER NOTES VENDOR NOTES

The safety data sheet has been prepared on the basis of known data at the time of preparation.

Disclaimer: Care has been taken in the compilation of this data. No liability is accepted whether direct or indirect from its application since the conditions of use are outside the control of Zel-Aaren and LR Agencies.

#### CONTACT POINT

LR Agencies  
Unit 4 8-10 Pioneer Drive, Woonona NSW 2517  
ph: 02 4285 9844 fax: 02 4285 9866  
email: office@lr agencies.com.au

OR

Poisons Information Centre ph: 13 11 26