



## SAFETY DATA SHEET

Page 1 of 3

### Pumatect HT (Hardener)

Revision 0  
Revision date

#### 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

**Product name** Pumatect HT (Hardener)  
**Company** Resdev Ltd  
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Ainleys Industrial Estate  
Elland  
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www.resdev.co.uk  
**Telephone** +44 (0)1422 379131  
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#### 2. COMPOSITION / INFORMATION ON INGREDIENTS

##### Hazardous ingredients

	Conc.	CAS	EINECS	Symbols/Risk phrases
3-Aminomethyl-3,5,5-trimethylcyclohexylamine	40 - 50%	2855-13-2	220-666-8	Xn; R21/22 C; R34 R43 R52/53
Benzyl alcohol	30 - 40%	100-51-6	202-859-9	Xn; R20/22

#### 3. HAZARDS IDENTIFICATION

**Main hazards** Harmful by inhalation, in contact with skin and if swallowed. Causes burns. May cause sensitisation by skin contact. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

#### 4. FIRST AID MEASURES

**Skin contact** Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist. Causes burns.

**Eye contact** Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.

**Inhalation** Move the exposed person to fresh air.

**Ingestion** DO NOT INDUCE VOMITING. Immediate medical attention is required. If unconscious place in the recovery position.

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

#### 5. FIRE FIGHTING MEASURES

**Extinguishing media** Carbon dioxide (CO2) Dry chemical. Sand. Use extinguishing media appropriate to the surrounding fire conditions. Alcohol resistant foam.  
Do NOT use ... Water jet.

**Fire hazards** Burning produces irritating, toxic and obnoxious fumes.

**Protective equipment** Wear: Self-contained breathing apparatus.

# Pumatect HT (Hardener)

Revision 0  
Revision date

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions</b>	Wear suitable protective equipment.
<b>Environmental precautions</b>	Advise local authorities if large spills cannot be contained. Do not allow product to enter drains. Do not flush into surface water.
<b>Clean up methods</b>	Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean area thoroughly with detergent.

## 7. HANDLING AND STORAGE

<b>Handling</b>	Avoid contact with eyes and skin. Use in a well ventilated area. Do not breathe gas/fumes/vapour/spray. Wear suitable protective equipment. Do not eat, drink or smoke in areas where this product is used or stored.
<b>Storage</b>	Store at temperatures above 10 °C. Store at temperatures below 30 °C. Keep in a cool, dry, well ventilated area. Keep containers tightly closed.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Engineering measures</b>	Ensure adequate ventilation of the working area.
<b>Occupational exposure controls</b>	Keep away from food, drink and animal feedingstuffs.
<b>Respiratory protection</b>	Wear: Suitable respiratory equipment.
<b>Hand protection</b>	Nitrile rubber gloves. Butyl rubber gloves. Neoprene gloves.
<b>Eye protection</b>	Approved safety goggles.
<b>Protective equipment</b>	Protect clothing from contact with the product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Description</b>	Liquid.
<b>Colour</b>	Yellow.
<b>Odour</b>	Ammoniacal.
<b>Boiling point</b>	> 200°C
<b>Flash point</b>	166°C

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable under normal conditions.
<b>Conditions to avoid</b>	Heating produces hazardous fumes.
<b>Materials to avoid</b>	Acids. Reducing agents. Oxidising agents. Bases.

## 11. TOXICOLOGICAL INFORMATION

<b>Acute toxicity</b>	ORL RAT LD50 > 1000 mg/kg.
<b>Corrosivity</b>	Irritating to eyes.
<b>Sensitization</b>	May cause sensitisation by skin contact.
<b>Mutagenic effects</b>	Adverse mutagenic and teratogenic effects have been found in laboratory animals.
<b>Reproductive toxicity</b>	Adverse reproductive effects have been found in laboratory animals.

## 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	No data is available on this product.
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## 13. DISPOSAL CONSIDERATIONS

<b>General information</b>	Dispose of in compliance with all local and national regulations.
<b>Disposal of packaging</b>	Empty containers can be sent for disposal or recycling.

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## 14. TRANSPORT INFORMATION

### ADR/RID

UN 2289	Packing group III
Class 8	Hazard ID 80
Proper Shipping Name ISOPHORONEDIAMINE	

### IMDG

UN 2289	Packing group III
Class 8	Marine pollutant NO
EmS Code F-A S-B	

### IATA

UN 2289	Packing group III
Class 8	Subsidiary risk -
Packing Instruction 820 (Cargo)	Maximum quantity 60 L
Packing Instruction 818 (Passenger)	Maximum quantity 5 L

## 15. REGULATORY INFORMATION

**Labelling** The product is classified in accordance with 67/548/EEC.

**Symbols** C - Corrosive



**Risk phrases**

- R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed.
- R34 - Causes burns.
- R43 - May cause sensitisation by skin contact.
- R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Safety phrases**

- S24 - Avoid contact with skin.
- S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- S28 - After contact with skin, wash immediately with plenty of [].
- 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).

## 16. OTHER INFORMATION

**Text of risk phrases in Section 2**

- R20/22 - Harmful by inhalation and if swallowed.
- R21/22 - Harmful in contact with skin and if swallowed.
- R34 - Causes burns.
- R43 - May cause sensitisation by skin contact.
- R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Further information**

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.