



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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Pumaprime DPM Resin

Revision 3

Revision date 2015-10-15

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

1.1. Product identifier

Product name Pumaprime DPM Resin

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

Description Restricted to professional users.
Component of a Two Pack Epoxy Floor Primer.

1.3. Details of the supplier of the safety data sheet

Company Resdev Ltd
Address Pumaflor House
Ainleys Industrial Estate
Elland
HX5 9JP
Web www.resdev.co.uk
Telephone +44 (0)1422 379131
Fax +44 (0)1422 370943
Email info@resdev.co.uk
Email address of the competent person info@resdev.co.uk

1.4. Emergency telephone number

Emergency telephone number +44 (0)1422 379131
9.00am to 5.00pm Mon - Fri

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.1. Classification - 1999/45/EC
Xn; R62-63 Xi; R36/38-43 N; R51/53
Symbols: Xn: Harmful. N: Dangerous for the environment.
Main hazards Irritating to eyes and skin. May cause sensitisation by skin contact. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Possible risk of impaired fertility. Possible risk of harm to the unborn child.
2.1.2. Classification - EC 1272/2008
Skin Corr. 1B: H314; Skin Sens. 1: H317; Aquatic Chronic 2: H411;

2.2. Label elements

Hazard pictograms

Signal Word Danger

Hazard Statement
Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.
Skin Sens. 1: H317 - May cause an allergic skin reaction.
Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.

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2.2. Label elements

Precautionary Statement: Prevention	P260 - Do not breathe dust/fume/gas/mist/vapours/spray. P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P264 - Wash thoroughly after handling. P272 - Contaminated work clothing should not be allowed out of the workplace. P273 - Avoid release to the environment. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement: Response	P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting. P302+P352 - IF ON SKIN: Wash with plenty of water/ . P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 - Immediately call a POISON CENTER/doctor/ . P321 - Specific treatment (see on this label). P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. P363 - Wash contaminated clothing before reuse. P391 - Collect spillage.
Precautionary Statement: Storage	P405 - Store locked up.
Precautionary Statement: Disposal	P501 - Dispose of contents/container to local and national regulations

2.3. Other hazards

Other hazards	No data available.
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SECTION 3: Composition/information on ingredients

3.2. Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
2-methoxy-1-methylethyl acetate (1-Methoxypropylacetate)	607-195-00-7	108-65-6	203-603-9		1 - 10%	R10	
Bisphenol A-(epichlorhydrin) (reaction product)	603-074-00-8	25068-38-6	500-033-5		60 - 70%	Xi; R36/38 R43 N; R51/53	
Bisphenol F - epichlorohydrin resin with Number Average Molecular Weight < 700		9003-36-5			0 - 0.5%		
Acronal 700 L (Ethyl acetate)		141-78-6	205-500-4		0.5 - 1%	F; R11 Xi; R36 R66-67	
C13/C15-Alkylglycidylether		68081-84-5	268-358-2		1 - 10%		
Nonylphenol	601-053-00-8	25154-52-3	246-672-0		1 - 10%	Repr. Cat. 3; R62-63 Xn; R22 C; R34 N; R50/53	

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Bisphenol A-(epichlorhydrin) (reaction product)	603-074-00-8	25068-38-6	500-033-5		60 - 70%	Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Chronic 2: H411;	
Nonylphenol	601-053-00-8	25154-52-3	246-672-0		1 - 10%	Repr. 2: H361fd; Acute Tox. 4: H302; Skin Corr. 1B: H314; Aquatic Acute 1: H400; Aquatic Chronic 1: H410;	

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air.
Eye contact	Flush Immediately eye thoroughly with clean water. Consult a physician immediately if irritation

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4.1. Description of first aid measures

Skin contact	persists. Remove affected person from source of contamination. Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above. Get medical attention if irritation persists after washing.
Ingestion	DO NOT induce the patient to vomit, medical advice is required.

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

Eye contact	Irritating to eyes.
Skin contact	Irritating to skin.
Ingestion	DO NOT INDUCE VOMITING.

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

Inhalation	Seek medical attention if irritation or symptoms persist.
Eye contact	Seek medical attention if irritation or symptoms persist.
Skin contact	Seek medical attention if irritation or symptoms persist.
Ingestion	Seek medical attention if irritation or symptoms persist.

SECTION 5: Firefighting measures

5.1. Extinguishing media

	Carbon dioxide (CO ₂). Foam. Water spray, fog or mist.
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5.2. Special hazards arising from the substance or mixture

	Fire will produce dense black smoke.
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5.3. Advice for firefighters

	Wear suitable respiratory equipment when necessary. Protective equipment.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

	Isolate area. Keep unnecessary and unprotected personnel from entering the area. Use appropriate safety equipment.
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6.2. Environmental precautions

	Prevent from entering into soil, ditches, sewers, waterways and/or groundwater.
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6.3. Methods and material for containment and cleaning up

	Absorb with inert, absorbent material.
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6.4. Reference to other sections

	Information regarding exposure controls/personal protection and disposal considerations can be found in section 8 and 13.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

	Avoid prolonged skin contact. After contact with skin, wash immediately with plenty of water and soap.
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7.2. Conditions for safe storage, including any incompatibilities

	Store in original container.
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7.3. Specific end use(s)

	The identified uses for this product are detailed in Section 1.2.
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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

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8.1. Control parameters

Are listed on the following items according to where it is going to be used.

8.1.1. Exposure Limit Values

2-methoxy-1-methylethyl acetate (1-Methoxypropylacetate)	WEL 8-hr limit ppm: 50	WEL 8-hr limit mg/m3: 274
	WEL 15 min limit ppm: 100	WEL 15 min limit mg/m3: 548
	WEL 8-hr limit mg/m3 total - inhalable dust:	WEL 15 min limit mg/m3 total - inhalable dust:
	WEL 8-hr limit mg/m3 total - respirable dust:	WEL 15 min limit mg/m3 total - respirable dust:
Acronal 700 L (Ethyl acetate)	WEL 8-hr limit ppm: 200	WEL 8-hr limit mg/m3: -
	WEL 15 min limit ppm: 400	WEL 15 min limit mg/m3: -
	WEL 8-hr limit mg/m3 total - inhalable dust:	WEL 15 min limit mg/m3 total - inhalable dust:
	WEL 8-hr limit mg/m3 total - respirable dust:	WEL 15 min limit mg/m3 total - respirable dust:

8.2. Exposure controls



8.2.1. Appropriate engineering controls

Ensure adequate ventilation of the working area.

Eye / face protection

safety glasses with side-shields.

Skin protection - Handprotection

Wear suitable gloves.

Skin protection - Other

Wear suitable protective clothing.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Various
Odour	Mild
pH	No data available
Melting point	No data available
Freezing Point	No data available
Initial boiling point	No data available
Evaporation rate	Not determined
Flammability (solid, gas)	No data available
Vapour pressure	No data available
Vapour density	No data available
Relative density	No data available
Fat Solubility	No data available
Partition coefficient	No data available
Autoignition temperature	No data available
Viscosity	No data available
Explosive properties	No data available
Oxidising properties	No data available
Solubility	No data available

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9.2. Other information

Benzene Content	Not applicable.
Lead content	Not applicable.
VOC (Volatile organic compounds)	< 500
Conductivity	No data available
Surface tension	No data available
Gas group	No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

	No data available.
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10.2. Chemical stability

	This product is stable if stored and handled as prescribed/indicated.
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10.3. Possibility of hazardous reactions

	No data is available on this product.
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10.4. Conditions to avoid

	Avoid temperatures above 300oC. Potentially violent decomposition can occur above 350oC. Generation of gas during decomposition can cause pressure in closed systems. Pressure build-up can ve rapid.
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10.5. Incompatible materials

	Acids. Bases. Oxidising agents.
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10.6. Hazardous decomposition products

	No data is available on this product.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	No data is available on this product.
Skin corrosion/irritation	No data is available on this product.
Serious eye damage/irritation	No data is available on this product.
Respiratory or skin sensitisation	No data is available on this product.
Germ cell mutagenicity	No data is available on this product.
Carcinogenicity	No data is available on this product.
Reproductive toxicity	No data is available on this product.

11.1.4. Toxicological Information

	No data available
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SECTION 12: Ecological information

12.1. Toxicity

	No data available
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12.2. Persistence and degradability

	No data is available on this product.
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12.3. Bioaccumulative potential

	No data is available on this product.
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Partition coefficient

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Partition coefficient

	Pumaprime DPM Resin No data available	2-methoxy-1-methylethyl acetate No data available
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12.4. Mobility in soil

	No data is available on this product.
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12.5. Results of PBT and vPvB assessment

	No data is available on this product.
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12.6. Other adverse effects

	No data is available on this product.
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SECTION 13: Disposal considerations

13.1. Waste treatment methods

	This product, when being disposed of in its unused and uncontaminated state should be treated as a hazardous waste according to EC Directive 91/869/EEC. Any disposal practices must be in compliance with all national and provincial laws and any municipal or local by-laws governing hazardous waste. For used, contaminated and residue materials additional evaluations may be required. Do not dump into any sewers, on the ground, or into any body of water.
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Further information

	Further information on waste can be obtained from the document "Guidance on the Classification and Assessment of Waste, Technical guidance WM3.
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SECTION 14: Transport information

Hazard pictograms

	
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14.1. UN number

	UN3082
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14.2. UN proper shipping name

	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. ((Epoxy Resin))
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14.3. Transport hazard class(es)

ADR/RID	9
Subsidiary risk	-
IMDG	9
Subsidiary risk	-
IATA	9
Subsidiary risk	-

14.4. Packing group

Packing group	III
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14.5. Environmental hazards

Environmental hazards	Yes
Marine pollutant	Yes

14.6. Special precautions for user

	Use in conjunction with Manufacturers recommended guidelines.
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14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

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14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

	No data available.
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ADR/RID

Hazard ID	90
Tunnel Category	(E)

IMDG

EmS Code	F-A S-F
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IATA

Packing Instruction (Cargo)	964
Maximum quantity	450 L
Packing Instruction (Passenger)	964
Maximum quantity	450 L

SECTION 15: Regulatory information

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

	<p>"COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC".</p> <p>"REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC".</p>
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15.2. Chemical safety assessment

	For advice on essential measures see sections 7 and 8 of this safety data sheet.
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SECTION 16: Other information

Other information

Revision	<p>This document differs from the previous version in the following areas:.</p> <ul style="list-style-type: none"> 2 - 2.1.2. Classification - EC 1272/2008. 2 - Hazard pictograms. 2 - Precautionary Statement: Prevention. 2 - Precautionary Statement: Response. 2 - Precautionary Statement: Disposal. 7 - 7.3. Specific end use(s). 13 - Further information.
Text of risk phrases in Section 3	<ul style="list-style-type: none"> R10 - Flammable R11 - Highly flammable. R22 - Harmful if swallowed. R34 - Causes burns. R36/38 - Irritating to eyes and skin. R36 - Irritating to eyes. R43 - May cause sensitisation by skin contact. R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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Other information

<p>Text of Hazard Statements in Section 3</p> <p>Product Subcategory</p> <p>Maximum content of VOC</p>	<p>R62 - Possible risk of impaired fertility. R63 - Possible risk of harm to the unborn child. R66 - Repeated exposure may cause skin dryness or cracking. R67 - Vapours may cause drowsiness and dizziness.</p> <hr/> <p>Skin Irrit. 2: H315 - Causes skin irritation. Skin Sens. 1: H317 - May cause an allergic skin reaction. Eye Irrit. 2: H319 - Causes serious eye irritation. Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects. Acute Tox. 4: H302 - Harmful if swallowed. Skin Corr. 1B: H314 - Causes severe skin burns and eye damage. Repr. 2: H361fd - Suspected of damaging fertility. Suspected of damaging the unborn child. Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.</p> <hr/> <p>Two-pack reactive performance coatings for specific end use such as floors - 500 g/l.</p> <hr/> <p>500.</p>
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General information

	<p>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.</p>
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Further information

	<p>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.</p>
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