



## Nu-Base Acrylic Block Sealer

Revision 3

Revision date 2014-12-12

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

#### 1.1. Product identifier

Product name	Nu-Base Acrylic Block Sealer
Product code	HPC 136

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

Description	No further relevant information available.
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#### 1.3. Details of the supplier of the safety data sheet

Company	Hydron Protective Coatings Ltd
Address	Unit 7 Phoenix Road Wednesfield Wolverhampton WV11 3PX
Web	<a href="http://www.hydronpc.co.uk">www.hydronpc.co.uk</a>
Telephone	01902 450 950
Fax	01902 451 050
Email	enquiries@hydronpc.co.uk

#### 1.4. Emergency telephone number

Emergency telephone number	01902 450950
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### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

2.1.1. Classification - 1999/45/E C	Xn; R20/21 Xi; R38 R10 Symbols: Xn: Harmful.
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Main hazards	Flammable. Harmful by inhalation and in contact with skin. Irritating to skin.
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#### 2.2. Label elements

Symbols	The product is classified in accordance with 67/548/EEC. Xn: Harmful.
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Risk phrases	R10 - Flammable. R20/21 - Harmful by inhalation and in contact with skin. R38 - Irritating to skin.
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Safety phrases	S36/37 - Wear suitable protective clothing and gloves.
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#### 2.3. Other hazards

Other hazards	No further hazards known.
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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
Xylene	601-022-00-9	1330-20-7	215-535-7		50 - 60%	R10 Xn; R20/21 Xi; R38

**SECTION 4: First aid measures****4.1. Description of first aid measures**

Inhalation	Harmful by inhalation. Inhalation may cause nausea and vomiting. May cause dizziness and headache. Move the exposed person to fresh air. Seek medical attention.
Eye contact	May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin contact	May cause irritation to skin. May cause dermatitis. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Ingestion	Harmful if swallowed. Ingestion may cause nausea and vomiting. Ingestion is irritating to the respiratory tract and may cause damage to the central nervous system. DO NOT INDUCE VOMITING. If swallowed, seek medical advice immediately and show this container or label.

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

Inhalation	May cause irritation, dizziness and headaches. May cause nausea or vomiting.
Eye contact	May cause irritation to the eye.
Skin contact	Exposure may cause skin dryness or dermatitis.
Ingestion	May cause severe damage if swallowed and enters airways. May cause nausea and vomiting.

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

	Treat symptomatically. If ever unsure, seek medical attention/advice immediately.
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**SECTION 5: Firefighting measures****5.1. Extinguishing media**

	Use as appropriate: Carbon dioxide (CO <sub>2</sub> ), Dry chemical, Foam.
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**5.2. Special hazards arising from the substance or mixture**

	. Burning produces irritating, toxic and obnoxious fumes.
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**5.3. Advice for firefighters**

	Wear suitable respiratory equipment when necessary.
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**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

	Ensure adequate ventilation of the working area. Eliminate all sources of ignition. Wear suitable protective equipment.
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**6.2. Environmental precautions**

	Do not allow product to enter drains. Prevent further spillage if safe.
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**6.3. Methods and material for containment and cleaning up**

	Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.
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**6.4. Reference to other sections**

	See section 7 for handling information. See section 8 for personal protective information. See section 13 for disposal information.
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**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

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## 7.1. Precautions for safe handling

	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Use explosion proof equipment. Keep away from sources of ignition - No smoking. Adopt best Manual Handling considerations when handling, carrying and dispensing.
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## 7.2. Conditions for safe storage, including any incompatibilities

	Keep in a cool, dry, well ventilated area. Keep containers tightly closed.
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## 7.3. Specific end use(s)

	No further relevant information available.
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## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1. Exposure Limit Values

Xylene	WEL 8-hr limit ppm: 50	WEL 8-hr limit mg/m <sup>3</sup> : 220
	WEL 15 min limit ppm: 100	WEL 15 min limit mg/m <sup>3</sup> : 441

### 8.2. Exposure controls

8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
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8.2.2. Individual protection measures	Wear chemical protective clothing.
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Eye / face protection	Approved safety goggles.
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Skin protection - Handprotection	Chemical resistant gloves (PVC).
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Skin protection - Other	No further relevant information available.
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Respiratory protection	Do not breathe gas/fumes/vapour/spray.
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Thermal hazards	No further relevant information available.
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## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

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## 9.1. Information on basic physical and chemical properties

State	Liquid
Colour	Colourless
Odour	Aromatic
Odour threshold	No data available
pH	No data available
Melting point	No data available
Boiling point	No data available
Flash point	>25
Evaporation rate	No data available
Flammability limits	Flammable
Upper Explosive Limit	No data available
Lower Explosive Limit	No data available
Vapour pressure	No data available
Vapour density	No data available
Relative density	0.87 - 0.89
Partition coefficient (n-octanol/water)	No data available
Autoignition temperature	450
Decomposition temperature	No data available
Viscosity	No data available
Explosive	No data available
Oxidising	No data available

## Water solubility

	Immiscible in water.
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**SECTION 10: Stability and reactivity**

## 10.1. Reactivity

	No further relevant information .
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## 10.2. Chemical stability

	Stable under normal conditions.
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## 10.3. Possibility of hazardous reactions

	Oxidising agents.
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## 10.4. Conditions to avoid

	Heat, sparks and open flames.
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## 10.5. Incompatible materials

	No further relevant information available.
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## 10.6. Hazardous decomposition products

	No further relevant information available.
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**SECTION 11: Toxicological information**

## 11.1. Information on toxicological effects

Skin corrosion/irritation	May cause skin irritation.
Serious eye damage/irritation	May cause eye irritation.
Respiratory or skin sensitisation	Dermatitis may occur through prolonged exposure.
Germ cell mutagenicity	No further relevant information available.
Carcinogenicity	No further relevant information available.
Reproductive toxicity	No further relevant information available.
STOT-single exposure	No further relevant information available.

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## 11.1. Information on toxicological effects

STOT-repeated exposure	No further relevant information available.
Aspiration hazard	No further relevant information available.

## 11.1.4. Toxicological Information

Xylene	Inhalation Rat LC50/4 h: 5000 ppm Dermal Rabbit LD50: >1,700 mg/kg	Oral Rat LD50: 4,300 mg/kg
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## SECTION 12: Ecological information

## 12.1. Toxicity

Xylene	Daphnia EC50/48h: 75.490000 mg/l	Fish LC50/96h: 2.000000 mg/l
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May cause long-term adverse effects in the aquatic environment.

## 12.2. Persistence and degradability

No further relevant information available.

## 12.3. Bioaccumulative potential

No further relevant information available.

## 12.4. Mobility in soil

Immiscible with water.

## 12.5. Results of PBT and vPvB assessment

No further relevant information available.

## 12.6. Other adverse effects

No further relevant information available.

## Further information

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

## SECTION 13: Disposal considerations

## General information

Dispose of in compliance with all local and national regulations.

## Further information

Do not empty into drains/sewage systems.

## SECTION 14: Transport information

## Hazard pictograms



## 14.1. UN number

UN1866

## 14.2. UN proper shipping name

RESIN SOLUTION

## 14.3. Transport hazard class(es)

ADR/RID	3
Subsidiary risk	-
IMDG	3
Subsidiary risk	-

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## 14.3. Transport hazard class(es)

IATA	3
Subsidiary risk	-

## 14.4. Packing group

Packing group	III
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## 14.5. Environmental hazards

Environmental hazards	No
Marine pollutant	No

## ADR/RID

Hazard ID	30
Tunnel Category	(D/E)

## IMDG

EmS Code	F-E S-E
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## IATA

Packing Instruction (Cargo)	366
Maximum quantity	220 L
Packing Instruction (Passenger)	355
Maximum quantity	60 L

## SECTION 15: Regulatory information

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

Regulations	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.
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## 15.2. Chemical safety assessment

	A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.
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## SECTION 16: Other information

## Other information

Revision	This document differs from the previous version in the following areas: 1 - Description. 2 - Other hazards. 4 - Inhalation. 4 - Eye contact. 4 - Skin contact. 4 - Ingestion. 4 - 4.3. Indication of any immediate medical attention and special treatment needed. 6 - 6.4. Reference to other sections. 7 - 7.3. Specific end use(s). 8 - Skin protection - Other. 8 - Thermal hazards. 9 - 9.1. Information on basic physical and chemical properties (PH). 9 - 9.1. Information on basic physical and chemical properties (Boiling point). 9 - 9.1. Information on basic physical and chemical properties (Melting point). 9 - 9.1. Information on basic physical and chemical properties (Explosive). 9 - 9.1. Information on basic physical and chemical properties (Oxidising). 9 - 9.1. Information on basic physical and chemical properties (Vapour pressure).
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## Other information

	<p>9 - 9.1. Information on basic physical and chemical properties (Viscosity).</p> <p>9 - 9.1. Information on basic physical and chemical properties (Vapour density).</p> <p>9 - 9.1. Information on basic physical and chemical properties (Evaporation rate).</p> <p>9 - 9.1. Information on basic physical and chemical properties (Upper Explosive Limit).</p> <p>9 - 9.1. Information on basic physical and chemical properties (Lower Explosive Limit).</p> <p>9 - 9.1. Information on basic physical and chemical properties (Decomposition temperature).</p> <p>9 - 9.1. Information on basic physical and chemical properties (Partition coefficient (n-octanol/water)).</p> <p>9 - 9.1. Information on basic physical and chemical properties (Odour threshold).</p> <p>10 - 10.6. Hazardous decomposition products.</p> <p>10 - 10.1. Reactivity.</p> <p>10 - 10.5. Incompatible materials.</p> <p>11 - Skin corrosion/irritation.</p> <p>11 - Respiratory or skin sensitisation.</p> <p>11 - Germ cell mutagenicity.</p> <p>11 - Carcinogenicity.</p> <p>11 - Reproductive toxicity.</p> <p>11 - Serious eye damage/irritation.</p> <p>11 - STOT-single exposure.</p> <p>11 - STOT-repeated exposure.</p> <p>11 - Aspiration hazard.</p> <p>12 - 12.2. Persistence and degradability.</p> <p>12 - 12.3. Bioaccumulative potential.</p> <p>12 - 12.5. Results of PBT and vPvB assessment.</p> <p>12 - 12.6. Other adverse effects.</p> <p>13 - Further information.</p> <p>15 - 15.2. Chemical safety assessment.</p> <p>15 - Regulations.</p>
Text of risk phrases in Section 3	<p>R10 - Flammable</p> <p>R20/21 - Harmful by inhalation and in contact with skin.</p> <p>R38 - Irritating to skin.</p>
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>