



## SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

### Nu-Base HB Pigmented Finish (Activator)

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

##### 1.1. Product identifier

Product name	HPC 126 Nu-Base HB Pigmented Finish (Activator)
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##### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Description	The product is for use in the coating of floor and / or wall surfaces.
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##### 1.3. Details of the supplier of the safety data sheet

Company	Hydron Protective Coatings Limited
Address	Unit 7 Phoenix Road Wednesfield Wolverhampton WV11 3PX UK
Web	<a href="http://www.hydrnpc.co.uk">www.hydrnpc.co.uk</a>
Telephone	+44 (0)1902 450 950
Fax	+44 (0)1902 451 050
Email	<a href="mailto:enquiries@hydrnpc.co.uk">enquiries@hydrnpc.co.uk</a>
Email address of the competent person	<a href="mailto:enquiries@hydrnpc.co.uk">enquiries@hydrnpc.co.uk</a>

##### 1.4. Emergency telephone number

Emergency telephone number	01902 450950 9 am - 5 pm
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#### SECTION 2: Hazards identification

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

2.1.1. Classification - 1999/45/EC	C; R34 Xn; R20/21/22-62 Xi; R43 R52/53 Symbols: C: Corrosive.
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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. Possible risk of impaired fertility.
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2.2. Label elements Symbols	C: Corrosive.
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Risk phrases	 <p>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</p>
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### 2.2. Label elements

Safety phrases	environment. R62 - Possible risk of impaired fertility.
	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 soap and water. 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).

### 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
3-Aminomethyl-3,5,5-trimethylcyclohexylamine	612-067-00-9	2855-13-2	220-666-8		40 - 50%	Xn; R21/22 C; R34 R43 R52/53
Benzyl alcohol	603-057-00-5	100-51-6	202-859-9		40 - 50%	Xn; R20/22
4,4'-Isopropylidenediphenol	604-030-00-0	80-05-7	201-245-8		1 - 10%	Repr. Cat. 3; R62 Xi; R37-41 R43 R52
Benzene-1,3-Dimethanamine		1477-55-0	216-032-5		1 - 10%	C; R34 Xn; R20/22 Xi; R43 R52/53
salicylic acid		69-72-7	200-712-3		1 - 10%	Xn; R22 Xi; R37/38-41

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air. If breathing stops, provide artificial respiration. Seek medical attention.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Immediate medical attention is required.
Skin contact	Wipe off with clean dry cloths /wipes and wash with plenty of soap and water, continue washing for at least 15 minutes. Do not use solvents as this may increase the spread, absorption and effect of contact. Remove contaminated clothing do not reuse clothing without effective laundering. Cover the affected area with a sterile dressing but do not apply greases or ointments. Seek medical attention.
Ingestion	If swallowed, do not induce vomiting without medical advice. Prevent aspiration of vomit. Seek medical attention immediately.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

	Foam, dry powder, CO2 or large quantity water spray (not full jet).
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#### 5.2. Special hazards arising from the substance or mixture

	If involved in a fire, may generate noxious or toxic vapours Restricted air supply may result in carbon monoxide and other decomposition products being formed.. Keep drums cool by spraying with water.
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#### 5.3. Advice for firefighters

	Fire fighters wear self-contained breathing apparatus.  Nb Run off water may contain a range of combustion products that should be prevented from entering waste water drains and watercourses or causing ground contamination. Personnel downwind should be protected from fumes and smoke.
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### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

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### 6.1. Personal precautions, protective equipment and emergency procedures

Wear full protective clothing when dealing with a spillage. When working with significant quantities ensure adequate ventilation.

### 6.2. Environmental precautions

Prevent from entering sewer system, as may cause blockage.

### 6.3. Methods and material for containment and cleaning up

Absorb with earth, sand or other absorbent materials. Transfer to a suitable container for removal and safe disposal.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Wear eye protection, goggles or a face shield, impervious gloves and protective clothing. Avoid inhaling directly over containers. Do not heat or pressurise containers. Do not eat drink or smoke when working with these materials. Ensure that tools and equipment are kept clean, When mixing, open containers with care minimising risk of splash or spillage, pour into mixing container/ drum and mix at low speed avoiding splashing and air entrainment.

### 7.2. Conditions for safe storage, including any incompatibilities

Keep in a cool, dry, well ventilated area. Keep away from food, drink and animal feedingstuffs. Keep containers sealed until mixing.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1. Exposure Limit Values

Benzyl alcohol	WEL 8-hr limit ppm: 10 ppm ACGIH	WEL 8-hr limit mg/m <sup>3</sup> :
	WEL 15 min limit ppm:	WEL 15 min limit mg/m <sup>3</sup> :

### 8.2. Exposure controls



#### 8.2.1. Appropriate engineering controls

Ensure adequate ventilation of the working area.

#### 8.2.2. Individual protection measures

Use appropriate personal protective equipment.

### Further information

#### During mixing:

Wear glasses (EN 166), goggles or a face shield, impervious gloves and protective clothing (EN376 Index 6 480 min +) safety foot wear (EN346) .Wear respirator suitable for organic vapour/ fumes (EN141 type ABEK).

#### During application:

Wear glasses (EN 166), goggles or a face shield, impervious gloves and protective clothing (EN376 Index 6 480 min +) safety foot wear (EN346) . Apply in a well ventilated area. In cases of insufficient ventilation, suitable respiratory protection should be used, particularly when in confined spaces or where aerosols may be formed. Remove and clean or dispose of contaminated clothing  
Clean skin at the end of shifts and use appropriate cleaning materials and skin care products if required.

This document is prepared on the basis of large scale use of these materials, before reducing the level of safety equipment and precautions on the grounds of limited quantities, the user/operator must satisfy themselves that all legal and environmental protection requirements are met and the safety of the operator is maintained at all times.

## Nu-Base HB Pigmented Finish (Activator)

### SECTION 9: Physical and chemical properties

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

State	Liquid
Colour	Amber
Odour	Ammoniacal
Boiling point	200 - 250 °C
Flash point	> 105 °C
Relative density	1.03 - 1.05 (Water = 1 @ 20 °C)
Solubility	Slightly miscible in water

#### 9.2. Other information

VOC (Volatile organic compounds)	193 g/l
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#### VOC (Volatile organic compounds)

	Where VOC values are given these are calculated and are typical for the mixed product(s) covered by this data sheet.
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### SECTION 10: Stability and reactivity

#### 10.6. Hazardous decomposition products

	No decomposition if used according to specifications. In case of a fire, carbon monoxide carbon dioxide and other harmful gases may be formed from packaging.
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#### Further information

Hardener:	Reacts exothermically with acids. Liberates ammonia when heated. In case of a fire, toxic fumes of nitrogen oxides, amines and carbon monoxide may be formed. Nitrogen oxide can react with water vapours to form corrosive nitric acid.
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### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Repeated or prolonged exposure	Repeated exposure to dust at well above the OEL level by inhalation may produce adverse effects on the lungs. When mixed the combined effect of base and hardener and any aggregate should be considered. Effects of abrasion may increase the level / impact of other materials by damaging the skin.
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#### 11.1.4. Toxicological Information

3-Aminomethyl-3,5,5-trimethylclohexylamine	Oral Rat LD50: 1030 mg/kg	Dermal Rabbit LD50: 1840 mg/kg
Benzyl alcohol	Dermal Rat LD50: 1620 mg/kg	Dermal Rabbit LD50: 2000 mg/kg

#### Further information

	The amine/diamine constituents of this product are harmful / corrosive to skin and irritant to eyes, and may cause sensitization. When mixed the combined effect of base and hardener and any aggregate should be considered.
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### SECTION 12: Ecological information

#### 12.1. Toxicity

Benzene-1,3-Dimethanamine	Fish LC50/96h: 100.000 mg/l Daphnia LC50/48h: 10-100mg/l	Algae EC50/72h: 10-100mg/l
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#### 12.2. Persistence and degradability

No data is available on this product.

#### 12.4. Mobility in soil

Do not let product contaminate subsoil.

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Further information	
Environmental precautions	Prevent from entering sewer system.
<b>SECTION 13: Disposal considerations</b>	
General information	
	<p>The UK Environmental protection (Duty of Care) regulations and amendments should be considered. Special waste regulations may apply to the disposal of resin contaminated waste (properties H4 and H5) or contaminated materials.</p> <p>Contaminated packaging should be emptied as far as possible before disposal. Labels should not be removed from packaging until properly cleaned by a licensed contractor. Materials that are not resin contaminated should be treated as non hazardous industrial waste and where possible may be recycled. Do not reuse resin packaging.</p>
<b>SECTION 14: Transport information</b>	
Hazard pictograms	
14.1. UN number	
14.2. UN proper shipping name	
	UN2735
	AMINES, LIQUID, CORROSIVE N.O.S.
14.3. Transport hazard class(es)	
ADR/RID	8
Subsidiary risk	-
IMDG	8
Subsidiary risk	-
IATA	8
Subsidiary risk	-
14.4. Packing group	
Packing group	III
14.5. Environmental hazards	
Environmental hazards	Yes
Marine pollutant	Yes
Yes ADR/RID	
Hazard ID	80
Tunnel Category	(E)
IMDG	
EmS Code	F-A S-B
IATA	
Packing Instruction (Cargo)	856
Maximum quantity	60 L
Packing Instruction (Passenger)	852
Maximum quantity	5 L
Further information	
	- Classification for transport purposes. Where no specific information is given the material is

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Further information	
	classed as non hazardous for transport.
<b>SECTION 15: Regulatory information</b>	
15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture	
	<p>The following regulations may apply to the materials described in this data sheet</p> <p>Regulation EC 1907/2006 REACH</p> <p>Regulation EC 1272/2008 CPL</p> <p>Regulation EC 790/2009 1 ATP CPL</p> <p>Regulation EC 453/2010 Amendment to REACH</p> <p>Regulation EC 121/2006 CPL Dangerous substances.</p>
<b>SECTION 16: Other information</b>	
Other information	
Revision	<p>This document differs from the previous version in the following areas:.</p> <p>9 - 9.1. Information on basic physical and chemical properties (Flash point).</p>
Text of risk phrases in Section 3	<p>R20/22 - Harmful by inhalation and if swallowed.</p> <p>R21/22 - Harmful in contact with skin and if swallowed.</p> <p>R22 - Harmful if swallowed.</p> <p>R34 - Causes burns.</p> <p>R37/38 - Irritating to respiratory system and skin.</p> <p>R37 - Irritating to respiratory system.</p> <p>R41 - Risk of serious damage to eyes.</p> <p>R43 - May cause sensitisation by skin contact.</p> <p>R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</p> <p>R52 - Harmful to aquatic organisms.</p> <p>R62 - Possible risk of impaired fertility.</p>
Maximum content of VOC	193 g/l.
General information	
	<p>All the foregoing information should be regarded as being applicable to the uncured mixed product as well as to the individual components.</p> <p>The company operate a convention that regardless of the proportion the epoxy component is named as the base, the amine or curative component as the hardener.</p> <p>This material may form part of a multi component pack, and is supplied in the correct proportions for that pack. Please check all of the product labels to ensure that the correct components and pack sizes are being used. Select and use appropriate pack sizes to minimise waste and operator exposure, do not split packs. Use in batch order.</p> <p>This product / component is for use only as directed in the product data sheet and in accordance with good practice, alternative methods of application must be properly assessed before use. It is the responsibility of the user to carry out any statutory risk assessment associated with the use of this product in a given situation or environment. Due consideration should be given to the impact of the use of this product on others in the vicinity. It is the responsibility of the client to ensure that where risk assessments are being undertaken, this is being done with up to date information. The information in this safety data sheet is indicative of the product and properties and in no way constitutes a specification for sale or warrantee of product properties or fitness for specific application or purpose. This product / component may fall within the scope of the Control of substances Hazardous to Health Regulations (CoSSH), users are reminded that this document itself does not constitute an assessment under these regulations.</p> <p><b>Training.</b></p> <p>This product is supplied for professional use only.</p> <p>It is recommended that all users of these materials should ensure that they are properly trained in the operation, use and working practices associated with this class of products. This may be in the</p>

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### General information

form of supervised experience, Manufacturers training or preferably nationally accredited training courses.

#### Materials transportation and storage

The company will make every effort to ensure that materials are shipped correctly to the required address at the required time, however it is the client's responsibility to ensure that these materials are received, safely off loaded, and properly stored prior to use, and that any materials remaining on site are removed from site by suitable transport and taken to safe storage or a properly authorised waste disposal contractor or site. The company will not accept the return of any materials regardless of state, without the prior written authorisation of a Director.

The information in this document is given in good faith based on information provided by materials manufacturers and or suppliers It is believed to be correct, but is of a general nature. Individual users may exhibit a range of reactions to materials depending on personal susceptibility, medical history and previous history of exposure to materials of a similar nature. If any doubt exists, medical advice should be sought at the earliest opportunity, failure to do so could result in long term effects or conditions developing. Companies and individuals working in this sector should make every effort to ensure that they have diverse sources of information to maintain their awareness of issues affecting health and safety within the industry.