



1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

PRODUCT NAME: HPC 05 Nu-Guard High solids Activator
SUPPLIER: Hydron Protective Coatings Ltd
Unit 7 Phoenix Road, Wednesfield, Wolverhampton, WV11 3PX
TEL: 01902 450950 FAX: 01902 451050

2. COMPOSITION/INFORMATION OF INGREDIENTS

Mixture of substances listed below with non hazardous additions

Name:	Cas:	Einecs:	Phrases	%
3-Aminopropyltrimethoxysilane	13822-56-5	237-51105	R26/38	25-<30%
Dibutylbis(pentane-2.4dionato-0-0)	22673-19-4	245-152-0	R48/R21R36R52	5-<7%
3-Aminopropyltriethoxysilane	919-30-2	213-048-4	R34 R22	

3. HAZARDS IDENTIFICATION

C Corrosive, Causes Burns, Harmful in contact with skin and if swallowed

4. FIRST AID MEASURES

General: In all cases of doubt or when symptoms persist seek medical attention. Never give anything by mouth to an unconscious person..
Inhalation: Remove to fresh air, keep patient warm and at rest. Consult doctor if symptoms persist
Eye Contact: Contact lenses should be removed. Irrigate copiously with clean, fresh water for at least. 15 minutes, holding the eyelids apart, seek medical advice.
Skin Contact: Remove contaminated clothing. Wash skin thoroughly with soap and water or use a proprietary skin cleanser. Do NOT use solvents or thinners.
Ingestion: If accidentally swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

5. FIRE FIGHTING MEASURES

Extinguishing media: Co2, powder or water sprays, for larger fires with water spray or alcohol foam.
For safety reasons unsuitable extinguishing agents: Water with full jets
Protective Equipment: Mount respiratory protective device.



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6. ACCIDENTAL RELEASE MEASURES

Person related safety precautions: Wear protective equipment. Keep unprotected persons away.

Measures for environmental protection: No special measures required

Measures for cleaning: Absorb with liquid-binding materials (sand, diatomite, acid binders, universal binders, sawdust)
Dispose contaminated materials as waste according to item 13, ensure adequate ventilation.

7. HANDLING AND STORAGE

Smoking, eating and drinking should be prohibited during handling. Keep container tightly closed. Any containers which are open should be carefully resealed. Avoid skin and eye contact avoid inhalation of vapour and spray mist. An eye wash station and safety shower should be in close proximity within the area of use.

Wear appropriate respiratory equipment when paint spraying even outdoors. In all cases when working in a confined area or ventilation is unlikely to be sufficient to control particulates and solvent vapour operators should wear a compressed Air fed respirator during the spraying process.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Substance Name OES; DIBUTYLBIS(PENTANE2.4-DIONATO-O-O) 8 hr limit ppm mg/m3 workplace exposure limit 15-minutes

Respiratory Protection: Air fed respiratory equipment should be worn when sprayed if levels cannot be controlled below OEL's and engineering methods cannot be reasonably improved.

Hand Protection: Full physical protection is best. Seek relevant advice from glove manufacturers. Barrier cream may be of help but should not be applied after exposure has occurred.

Eye Protection: Eye protection designed to protect against liquid splashes should be worn.

Skin Protection: Cotton or cotton/synthetic overalls or coveralls are normally suitable. Grossly contaminated clothing should be removed and the skin washed with soap & water or a proprietary skin cleaner.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	20°C Liquid.	BOILING POINT:	137°C
FLASH POINT:	96°C Method ISO 3679	IGNITION TEMPERATURE:	315.0°C
Viscosity:	<30Sec Method ISO 2431 (6mm) SPECIFIC GRAVITY 20°C 1.4G/CM3		
DENSITY:	Not determined	SOLUBILITY IN WATER:	Not Miscible

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions of use.
In case of combustion may produce hazardous decomposition such as Carbon monoxide.



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11. TOXICOLOGICAL INFORMATION

There are no data available on the preparation itself. The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and classified for toxicological hazards accordingly.

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12. ECOLOGICAL INFORMATION

There is no data available on the preparation itself.
The product should not be allowed to enter drains or water courses

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13. DISPOSAL CONSIDERATIONS

Do not allow into drains or water courses. Waste and emptied containers must be disposed of in accordance with control of Pollution act 1974 special waste regulations 1996, duty of care regulations 1992.

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14. TRANSPORT INFORMATION

UN No 1760 Shipping name Corrosive Liquid NOS Siloxane compound Class 8 Packing group 111

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15. REGULATORY INFORMATION

Classification C Corrosive

Safety Phrases

S9 Keep container tightly closed

S23 Do not breathe gas/fumes /vapour

S25 Avoid contact with eyes

S36/37Wear suitable protective clothing

S45 In case of accident or if you feel unwell seek medical advice immediately (show label where possible)

S60 This materials and its container must be disposed of as hazardous waste

Risk Phrases:

R34 Causes burns

R20.21 Harmful by inhalation and in contact with skin.

R36/38 Irritating to eyes and skin

R48/22 Danger of serious damage to health by prolong exposure If swallowed.

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16. OTHER INFORMATION

Information contained on this Safety Data Sheet is based on the present state of knowledge and current national legislation.

It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.

Further information and relevant advice can be found in:-

The Control of Substances Hazardous to Health Regulation 1994 (SI 1994 : 3246)

The Storage of Flammable Liquids in Containers. HS (G) 51 (if appropriate)

The Storage of Packaged Dangerous Substances hs (g) 71 (if appropriate)

The Environmental Protection (Duty of Care) Regulations 1992 (SI 1988 : 2839)

Nu-Guard High Solids (Activator)