



01/01/14

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

PRODUCT NAME: HPC 05 Nu-Guard High Solids Base
 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:	symbol	%
Methyl(1,2,2,6,6-Pentamethyl-4-Piperidyl) Sebacate	82919-37-7	280-060-4	Xi R43, R50, R53	0.5<1%
Bis (1,2,2,6,6Pentamethyl-4-Piperidyl) Sebacate	41556-26-7	255-437-1	Xi R43, R50/53	1.<2%
Hydrogenated Bisphenola -Epichlorhydrine	30583-72-3	500-070-7	Xi R43, R51/53	12.5<15%
Titanium Dioxide	13463-67-7	236-675-5		

3. HAZARDS IDENTIFICATION

Xi N Irritant Dangerous for the environment . May cause sensitization by skin contact. Toxic to aquatic organisms, may Cause long term adverse effects in the aquatic environment.

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: Recommended universal resistant foam Co2 powder
 Do not use water jets
 Protective Equipment: Mount respiratory protective device.
 Do not allow run off from the fire fighting to enter drains o r watercouses.



6. ACCIDENTAL RELEASE MEASURES

Exclude sources of ignition and ventilate the areas. Avoid breathing vapours by using appropriate respiratory protective equipment.
Contain and collect spillages with non-combustible absorbent materials e.g sand, earth vermiculite.
Clean with a detergent avoid use of solvents.

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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.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Substance Name OES

TITANIUM DIXOIDE 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.

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9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	20°C	Liquid.	BOILING POINT:	137°C
FLASH POINT:	96°C Method ISO 3679	IGNITION TEMPERATAURE:	315.0°C	
VAPOUR DENSITY:	>air	SPECIFIC GRAVITY:	20°C 1.5G/CM3	
VAPOUR PRESSURE:	20°C :7mm Hg	SOLUBILITY IN WATER:	Not Miscible	

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10. STABILITY AND REACTIVITY

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



01/01/14

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 3082 Technical Name Epoxy Resin Hazard our Class 9 Packing group 111

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15. REGULATORY INFORMATION

Classification Xi N Irritant Dangerous for the environment
Safety Phrases
S9 Keep container tightly closed
S23, 38, 24 Do not breath vapour/spray In case of insufficient ventilation wear suitable respiratory equipment. Avoid contact with skin
S26 In case of contact with eyes rinse immediately with water
Risk Phrases:
R43 May cause sensitization to skin
R51/53 Toxic to aquatic organisms may cause long term effects is the aquatic environment equipment

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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 : 283