



F I R E P R O T E C T

Material Safety data Sheet

FP-100 Coating (All colours)

MSDS NUMBER: FP-100 DATE OF LAST REVISION: 01/2013

1. IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY

IDENTIFICATION OF THE PRODUCT

The above products come in a variety of colours Black, White, Red, Blue, Green

USE OF PRODUCT

FP-100 Coating is a water based vinyl acrylic copolymer, formulated to provide the optimum balance of drying, flexibility and hardness. Also oil and water resistant properties. Its excellent water barrier properties have shown minimal failure when subjected to 500 hours salt spray test. This coating has been awarded many certificates including Lloyds Register of shipping, BS 467 Parts 6 & 7 and considered capable of class O surface spread of flames.

IDENTIFICATION OF THE COMPANY

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2. COMPOSITION / INFORMATION ON INGREDIENTS

COMPOSITION

The above mentioned products contain Water, Surfynol 465, Santisizer 148, Haloflex 202, Synperonic NP30 solution, pigments, slate, Hydracel, Microdol, and Ultracarb

COMPONANT	Conc wt %	CAS Number
Water	27.2	
Surfynol 465	0.9	500-022-5
Santisizer 148	4.08	29761-21-5
Haloflex 202	48	
Synperonic NP30 Solution	4.32	68412-54-4

COMPONANT	Conc wt %	CAS Number
Micronised Mica	8	
Hydracel	0.01	9004-62-0
Microdol	4	16389-88-1
Ultracarb	1.09	

3. HAZARDS IDENTIFICATION

IRRITANT EFFECT: Excessive and prolonged contact with skin, eyes and upper respiratory system may cause irritation. To minimise contact risks wear protective clothing, respiratory protection, gloves and suitable eye protection.

PHYSICAL HAZARDS: Wet substance spillage can constitute a slipping hazard.

4. FIRST-AID MEASURES

Eyes: Eye wash facilities must be kept close at hand. Wash immediately with copious amounts of water. Seek medical advice

Skin: Wash skin thoroughly with water and remove contaminated clothing. Obtain medical attention if symptoms develop.

Inhalation: Remove to fresh air. Obtain medical attention immediately

Ingestion: Do not induce vomiting. Drink 1 or 2 glasses of water (or milk) and obtain medical attention.

5. FIRE FIGHTING MEASURES

Non combustible products

Packing and surrounding materials may be combustible

Use extinguishing agent suitable for surrounding combustible materials.

6. ACCIDENTAL RELEASE MEASURES

Spillage: If possible contain spillage and absorb in earth or sand and shovel into suitable containers. Spillage, unless dealt with promptly, may set and cause nuisance trip hazard.

Environmental Precautions: If containment is not possible and material enters drains, dilute as much as possible with water and immediately notify the authorities.

7. HANDLING AND STORAGE

Handling: Wear suitable protective clothing, respiratory protection, gloves and eye protection.

Storage: Do not store at temperatures above 50°C for prolonged periods. PROTECT FROM FROST. Normal ventilation is adequate.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Exposure Limits: Not listed. Vinylidene chloride (a constituent of Haloflex 202) has an exposure limit of 40mg/m³ (8hr TWA) 10 ppm.

Personal Protection: Wear suitable overalls
Wear enclosed goggles.
Adequate respiratory protection
Wear impermeable plastic or rubber gloves (nitrile)
No eating, drinking or smoking while using this product.
Wash off splashes immediately.
Keep eye wash bottle close to hand

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Various coloured liquid
Odour:	almost odourless
PH Value:	>7-9
Viscosity:	Not known
Freezing Point:	0°C
Boiling Point:	100°C
Melting Point:	Not applicable
Flash Point:	Not applicable
Auto flammability:	Not applicable
Explosive Limits:	Not applicable
Vapour Pressure:	Not applicable
Relative Density:	1.29 g/cm ³
Solubility (H ₂ O):	Soluble

10. STABILITY AND REACTIVITY

Stability: Stable

Conditions to Avoid: None known

Hazardous Decomposition: Normal combustion products including CO, CO₂, NOx ammonia

11. TOXICOLOGY INFORMATION

Ingestion: May be harmful if swallowed. LD50 rat (orl) > 5.000mg/kg

Inhalation: Irritating to the respiratory system

12. ECOLOGICAL INFORMATION

Ecotoxicity: Do not release to the environment.

13. DISPOSAL CONSIDERATIONS

Disposal: Waste materials should be collected and coagulated with calcium chloride. The supernatant liquor can be run to drain. The coagulated solids can be treated as solid waste. Dispose in accordance with local and state regulations.

14. TRANSPORT INFORMATION

Not classified as hazardous for transport

15. REGULATORY INFORMATION

Classification:



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IRRITANT

Risk Phrases: R36/37/38: Irritating to eyes, Respiratory system and skin

Safety Phrases: S24/25: Avoid contact with skin and eyes

