

## MATERIAL SAFETY DATA SHEET

# MICON WATER BASED INTUMESCENT PAINT

I/We confirm that all information in this document has been well researched and complies with my responsibilities as a manufacturer and / or supplier in terms of relevant industrial legislation. I also undertake to inform the user of this product immediately of any variance in the contents of this product or convey any information that may be necessary to prevent harm to any person or the environment (Refer to the last page for more details regarding manufacture/supplier legal responsibilities).

.....  
Signature

.....  
Position

.....  
Date

### 1. PRODUCT AND COMPANY IDENTIFICATION

TRADE NAME	:Micon Coatings cc	CHEMICAL ABSTRACT No	
CHEMICAL FAMILY	:Fire Retardant Paint	NIOSH No.	
CHEMICAL NAME	:Micon Water Based Intumescent Paint	Hazchem	: N/A
SYNONYMS	:Micon Intusayf Water Based	UN No.	: N/A

### 2. COMPOSITION

HAZARDOUS	:	Possible traces of Residual Monomer
EEC CLASSIFICATION	:	Not classified as Hazardous
COMPONENTS	:	Ammonia < 1%
R-PHRASES	:	N/A

### 3. HAZARDS IDENTIFICATION

MAIN HAZARD	:	SAPMA health rating : 4 minimal – No great risk to health
FLAMMABILITY	:	Non flammable
CHEMICAL HAZARD	:	No great danger
BIOLOGICAL HAZARD	:	May have short term biological effect
REPRODUCTION HAZARD	:	May have short term biological effect
EYE EFFECTS : EYES	:	Can cause damage
HEALTH EFFECTS : SKIN	:	Direct contact to be avoided
HEALTH EFFECTS : INHALATION	:	Possible traces of Ammonia can be irritating
CARCINOGENICITY	:	No record of chronic effects found
MUTAGENICITY	:	No record of chronic effects found
NEUROTOXICITY	:	No record of chronic effects found

#### 4. FIRST AID MEASURES

PRODUCT IN EYE	:	Rinse immediately with plenty of water. Seek medical advise if symptoms persist.
PRODUCT IN SKIN	:	Always wash after being in contact with chemical substance.
PRODUCT INGESTED	:	Give plenty of water, milk, seek medical advice if symptoms persist.
PRODUCT INHALED	:	Move patient to fresh air.

#### 5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA	:	Dried residues no toxic gases
SPECIAL HAZARD	:	No direct explosion hazard expected
PROTECTIVE CLOTHING	:	Section 8

#### 6. ACCIDENT RELEASE MEASURES

PERSONAL PRECAUTIONS	:	SAPMA Rating : 4-H-C : Eye Protection
ENVIRONMENTAL PRECAUTIONS	:	Can be eliminated from sewage / effluent by chemical flocculation.
SMALL SPILLS	:	Clean up with water before allowing to dry. Absorb spills with rags.
LARGE SPILLS	:	Soak up in absorption and collect.

#### 7. HANDLING AND STORAGE

SUITABLE MATERIAL	:	
HANDLING/STORAGE PRECAUTIONS	:	Inert substance with no special requirements for hazard containment.

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS	:	SAPMA Rating 4 HC PPE
ENGINEERING CONTROL MEASURES	:	
PERSONAL PROTECTION-RESPIRATORY:	:	In case of insufficient ventilation use suitable respiratory protection.
PERSONAL PROTECTION- HAND	:	Observe the rule of hygiene, wash hands before eating and drinking.
PERSONAL PROTECTION – EYE	:	Avoid direct contact never touch eyes with dirty hands or gloves.
PERSONAL PROTECTION – SKIN	:	Observe the rule of hygiene, wash hands before eating and drinking.

## 9. PHYSICAL AND CHEMICAL PROPERTIES.

APPEARANCE	:	White
ODOUR	:	Sharp
PH	:	9.5
BOILING POINT	:	N/A
MELTING POINT	:	N/A
FLASH POINT	:	N/A
AUTOFLAMMABILITY	:	N/A
EXPLOSIVE PROPERTIES	:	N/A
OXIDIZING PORPerties	:	N/A
VAPOUR PRESSURE	:	N/A
DENSITY	:	1.250g/cm <sup>3</sup>
SOLUBILITY – WATER	:	Soluble
SOLUBILITY – SOLVENT	:	N/A
SOLUBILITY – CO-EFFICIENT	:	N/A
NEUROTOXICITY	:	

## 10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID	:	Inert – No reaction with fire fighting water
INCOMATIBLE MATERIALS	:	Inert
HAZARDOUS DECOMPOSITION PRODUCTS	:	Inert

## 11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY	:	No record of chronic effects found
SKING AND EYE CONTACT	:	No record of chronic effects found
CHRONIC TOXICITY	:	No record of chronic effects found
CARCINOGENICRY	:	No record of chronic effects found
MUTAGENICITY	:	No record of chronic effects found
REPRODUCTIVE HAZARDS	:	No record of chronic effects found

## 12. ECOLOGICAL INFORMATION

AQUATIC TOXICITY – FISH	:	Keep out of water. Not Established
AQUATIC TOXICITY – DAPHNIA	:	Undesirable Environment
AQUATIC TOXICITY – ALGAE	:	Undesirable Environment
BIODEGARDABILITY	:	Undesirable Environment
MOBILITY	:	Undesirable Environment
GERMAN WGK	:	Undesirable Environment

## 13. DISPOSABLE CONSIDERATIONS

DISPOSABLE METHOD	:	Can be eliminated from sewage. Effluent by chemical flocculation.
DISPOSABEL OF PACKAGING	:	Care with use of containers.

#### **14. TRANSPORT INFORMATION.**

UN No.	:	Not classified as hazardous, for transport low hazard.
SUBSTANCE IDENTITY No.	:	N/A
ADR/RID CLASS	:	N/A
ADR/RID ITEM No.	:	N/A
ADR/RID HAZARD IDENTITY No.	:	N/A
IMDG CLASS	:	N/A
IMDG PACKAGING CLASS	:	N/A
IMDG MARINE POLLUTANT	:	N/A
IMDG – EMS No.	:	N/A
IMDG – MFAG TABLE No.	:	N/A
IATA SHPPING NAME	:	N/A
IATA CLASS	:	N/A
IATA SUBSIDIARY RISK	:	N/A
ADNR CLASS	:	N/A
UK DESCRIPTION	:	N/A

#### **15. TRANSPORT INFORMATION**

UK EMERGENCY ACTION CLASS	:	N/A
UK CLASSIFICATION	:	N/A
TREMCARD No.	:	N/A

#### **16. REGULATORY INFORMATION**

EEC HAZARD CLASSIFICATION	:	N/A
RISK PHASES	:	N/A
SAFETY PHASES	:	N/A
NATIONAL LEGISLATION	:	N/A

#### **17. OTHER INFORMATION**