

MATERIAL SAFETY DATA SHEET

MICON SOLVENT 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).

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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 Intusayf SB	Hazchem : 3(Y)
SYNONYMS	:N/A	UN No. : 1294

2. COMPOSITION

HAZARDOUS	:	
EEC CLASSIFICATION	:	XN R10,18,20/21,65 S2, 16,28,33,38,43
COMPONENTS	:	Toluene, Vinyl Acrylic Polymer . Intumescent Additives
R-PHRASES	:	R11-20

3. HAZARDS IDENTIFICATION

MAIN HAZARD	:	Health rating : 2 moderate – temporary or minor injury even if treatment given
FLAMMABILITY	:	Extremely flammable
CHEMICAL HAZARD	:	
BIOLOGICAL HAZARD	:	
REPRODUCTION HAZARD	:	
EYE EFFECTS : EYES	:	Flush thoroughly with water, if irritation occurs, call a doctor
HEALTH EFFECTS : SKIN	:	Remove contaminated clothing, wash skin thoroughly with soap and water
HEALTH EFFECTS : INHALATION	:	Excessive exposure to vapours must be avoided. If respiratory irritation, dizziness, nausea or unconsciousness occurs, seek immediate medical assistance and call a doctor. If breathing has stopped, used mouth to mouth resuscitation.

CARCINOGENICITY : No effects established.
MUTAGENICITY : No effects established.
NEUROTOXICITY : No effects established.

4. FIRST AID MEASURES

PRODUCT IN EYE : Rinse immediately with plenty of water. Seek medical advise if symptoms persist.
PRODUCT IN SKIN : Use hand cleaner – soap and water. Remove contaminated clothing. If any discomfort get medical attention.
PRODUCT INGESTED : Give plenty of water, milk, seek medical advice if symptoms persist.
PRODUCT INHALED : Move patient to fresh air. If any discomfort, seek medical attention.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA : Foam, Carbon Dioxide, Dry powder. Fog to cool and control combustion. Do not use water jet.
SPECIAL HAZARD : Flammable with toxic fumes. Potential for spontaneous combustion. Can form explosive vapour/air mixture. Static discharge hazard.
PROTECTIVE CLOTHING :

6. ACCIDENT RELEASE MEASURES

PERSONAL PRECAUTIONS :
ENVIRONMENTAL PRECAUTIONS : Contain and collect.
SMALL SPILLS : Use inert not sawdust. Remove waste to safe place. Potential for spontaneous combustion.
LARGE SPILLS :

7. HANDLING AND STORAGE

SUITABLE MATERIAL :
HANDLING/STORAGE PRECAUTIONS : Inert substance with no special requirements for hazard containment. No open flames, No smoking. Store separately from any reactive substances.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS : SAPMA Rating 4 HC PPE
ENGINEERING CONTROL MEASURES : N/A
PERSONAL PROTECTION-RESPIRATORY: Respirator and eye cream.
PERSONAL PROTECTION- HAND : Use barrier cream and impervious gloves.
PERSONAL PROTECTION – EYE : Use face cream and goggles.
PERSONAL PROTECTION – SKIN : Use barrier cream and impervious gloves.

9. PHYSICAL AND CHEMICAL PROPERTIES.

APPEARANCE	:	White viscous liquid
ODOUR	:	Pungent smell
PH	:	N/A
BOILING POINT	:	110° C
MELTING POINT	:	N/A
FLASH POINT	:	4° C
AUTOFLAMMABILITY	:	N/A
EXPLOSIVE PROPERTIES	:	N/A
OXIDIZING PORPerties	:	N/A
VAPOUR PRESSURE	:	22 mm Hg
DENSITY	:	1.235g/cm ³
SOLUBILITY – WATER	:	Negligible
SOLUBILITY – SOLVENT	:	N/A
SOLUBILITY – CO-EFFICIENT	:	N/A
NEUROTOXICITY	:	

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID	:	Heat, sparks, flame and build up of static electricity.
INCOMATIBLE MATERIALS	:	Strong Oxidizers
HAZARDOUS DECOMPOSITION PRODUCTS	:	Carbon Monoxide

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY	:	
SKIN AND EYE CONTACT	:	Practically non irritating.
CHRONIC TOXICITY	:	No chronic effects established
CARCINOGENICRY	:	No carcinogenic effects established
MUTAGENICITY	:	No mutagenic effects established
REPRODUCTIVE HAZARDS	:	

12. ECOLOGICAL INFORMATION

AQUATIC TOXICITY – FISH	:	Is harmful to marine life.
AQUATIC TOXICITY – DAPHNIA	:	Is harmful to marine life.
AQUATIC TOXICITY – ALGAE	:	Is harmful to marine life.
BIODEGARDABILITY	:	May have harmful environmental effects.
MOBILITY	:	May have harmful environmental effects.
GERMAN WGK	:	May have harmful environmental effects.

13. DISPOSABLE CONSIDERATIONS

DISPOSABLE METHOD	:	Use reputable waste contractors – potential for spontaneous combustion. chemical flocculation.
DISPOSABEL OF PACKAGING	:	Care with use of containers.

14. TRANSPORT INFORMATION.

UN No.	:	1294
SUBSTANCE IDENTITY No.	:	1294
ADR/RID CLASS	:	3
ADR/RID ITEM No.	:	N/A
ADR/RID HAZARD IDENTITY No.	:	1294
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	:	Micon Intusayf S.B.
IATA CLASS	:	3
IATA SUBSIDIARY RISK	:	N/A
ADNR CLASS	:	3
UK DESCRIPTION	:	N/A

15. TRANSPORT INFORMATION

UK EMERGENCY ACTION CLASS	:	3
UK CLASSIFICATION	:	3(Y)
TREMCARD No.	:	30

16. REGULATORY INFORMATION

EEC HAZARD CLASSIFICATION	:	XN R10,18,20/21,65 52,16,28,38,43
RISK PHASES	:	R11-20
SAFETY PHASES	:	S16-25-29-33
NATIONAL LEGISLATION	:	Information not available

17. OTHER INFORMATION

Harmful or fatal if swallowed.

Flammable

May cause skin irritation on prolonged repeated contact.