



Product Number: 103

### ENVIROGRAF® COATING KITS FOR THE RESTORATION OF DOORS

**Description:**

Water based clear or white intumescent coating kit for upgrading raised-and-fielded doors to fire door status.

This product comprises of the following materials and therefore is supported by Health & Safety Data Sheets:

ES/RFC Intumescent coating kit CLEAR

Or

ES/RFC Intumescent coating kit WHITE

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HEALTH & SAFETY INFORMATION SHEET  
PRODUCT 103 – ES/RFC INTUMESCENT COATING - CLEAR

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**1. IDENTIFICATION OF THE PREPARATION AND COMPANY**

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PRODUCT NAME: ES/RFC Intumescent Coating - Clear  
MANUFACTURER/SUPPLIER: Intumescent System Ltd  
ADDRESS: Envirograf House, Barrestone, Nr. Dover, Kent, CT15 7JG  
TELEPHONE/FAX: 01304 842555 01304 842666  
EMERGENCY PHONE NUMBER: 01304 842555

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**2. COMPOSITION / INFORMATION ON INGREDIENTS**

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TYPE OF PRODUCT		Intumescent Coating				
Hazardous ingredients						
1 CAS-nr2	Name of substance	3 Concentration range	4 Symbol	R phrase and other information	Exposure limit TLV/TWA	
50-00-0	Formaldehyde	<0.3%	T	R23/24/25-34-40-43		
50-21-5	Lactic Acid	<5%	Xi	R38-41		

Other information

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**3. HAZARDS IDENTIFICATION**

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Not regarded as a health hazard under current legislation.

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**4. FIRST AID MEASURES**

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## GENERAL INFORMATION

INHALATION

Remove the casualty to fresh air, consult doctor in case of symptoms

SKIN CONTACT

Remove contaminated clothing immediately and wash contaminated skin with soap and water. Rinse thoroughly.

EYE CONTACT

Rinse open eye with running water for several minutes.

INGESTION

In case of symptoms, consult doctor.

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**5. FIRE FIGHTING MEASURES**

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RECOMMENDED EXTINGUISHING MEDIA

CO<sub>2</sub>, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.

NOT TO BE USED

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SPECIAL ADVICE

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## 6. ACCIDENTAL RELEASE MEASURES

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PERSONAL PROTECTION	Use breathing protection equipment against the effects of fumes/dust/aerosol.
ENVIRONMENTAL RELEASE MEASURES:	
CLEANING METHODS	Do not allow to enter drainage, surface or ground water. Absorb with fluid binding material (sand, diatomite, acid binders, universal binder, sawdust. Dispose of at an approved site.
SPECIAL INSTRUCTIONS	-

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## 7. HANDLING AND STORAGE

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INSTRUCTIONS FOR SAFE HANDLING:	Prevent formation of aerosols.
STORAGE:	Store in closed containers, in a well ventilated area.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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ENGINEERING MEASURES:-	
EXPOSURE LIMITS:	Components with limit values that require monitoring at the work place 50-00-00 Formaldehyde OEL: 2.5 mg/m; 2ml/m;.
PERSONAL PROTECTION:	
GENERAL:	The usual precautionary measures should be adhered to, general rules for handling chemicals.
RESPIRATORY PROTECTION:	Use breathing protection only when aerosol or mist is formed.
HAND PROTECTION:	Use of gloves recommended, when handling product.
EYE PROTECTION:	Tightly sealed safety goggles.
OTHER INSTRUCTIONS	-

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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PHYSICAL FORM, COLOUR, ODOUR	Liquid – Clear – Weak, characteristic
FLASH POINT	-
SPEC. GRAVITY	-
PH	5
BOILING POINT	100°C
EXPLOSIVE LIMITS	-
VAPOUR PRESSURE	-
AUTOIGNITION TEMPERATURE	-
SOLBILITY IN WATER	Dispersible
EVAPORATION RATE (BuAc=1)	-
DENSITY	1.2g/cm;
VISCOSITY	-
KINEMATIC	1000cP
OTHER INFORMATION	-

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## 10. STABILITY AND REACTIVITY

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STABILITY	Stable under normal conditions
CONDITIONS TO AVOID	No dangerous reactions known
INCOMPATIBLE MATERIALS	None, under normal conditions of use
HAZARDOUS DECOMPOSITION PRODUCTS	No decomposition if used according to specification

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## 11. TOXICOLOGICAL INFORMATION

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ACUTE TOXICITY	-
IRRITATION/CORROSIVENESS	-
SENSITIZATION	-
KNOWLEDGE OF EFFECTS ON HUMAN BEINGS BASED ON EXPERIENCE	-
EYE CONTACT	Irritations of the mucous membrane are possible.
OTHER EFFECTS	The product is not subject to classification according to the calculation method of the General EC classification guidelines for preparations as issued in the latest version. When used and handled according to specifications the products does not have any harmful effects according to our experience and the information provided to us.

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## 12. ECOLOGICAL INFORMATION

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STABILITY IN THE ENVIRONMENT	-
BIOACCUMULATION	-
MOBILITY IN THE ENVIRONMENT	-
TOXICITY TO ORGANISMS	-
OTHER INFORMATION	Slightly hazardous to water. Do not allow product to reach ground water, water bodies or sewerage system.

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## 13. DISPOSAL CONSIDERATIONS

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PRODUCT RESIDUES	Gather residues into waste containers. Destroy according to the rules given by Local Authorities.
PACKAGING WASTE	Collect and destroy according to local rules.

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## 14. TRANSPORT INFORMATION

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UN-NR	-
PACKAGING GROUP	-
ROAD/RAIL	-
ADR/RID CLASS	(cross-border)
TRANSPORT DOCUMENT NAME	-
SEA	-
IMDG-CLASS	-
PROPER SHIPPING NAME	-
EMS-NR	-
MFAG	-
MAR.POL	-

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## 15. REGULATORY INFORMATION

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### LABELLING

DANGER CLASSIFICATION	The product is not considered a dangerous working material as defined by the regulations on hazardous substances and / or by relevant EC – Standards (67/548/EWG and 88/379/EWG), effective at the time the data sheet is published
CONTAINS	-
R PHRASES	-
S PHRASES	-
NATIONAL REGULATIONS	-

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## 16. OTHER INFORMATION

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INTENDED USE	Fire retardant / resistant coating systems
USE INSTRUCTIONS	In the product information sheet and in the label.
OTHER INFORMATION	-

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**HEALTH & SAFETY INFORMATION SHEET  
PRODUCT 103 – ES/RFC INTUMESCENT COATING - WHITE**

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**1. IDENTIFICATION OF THE PREPARATION AND COMPANY**

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PRODUCT NAME: ES/RFC Intumescent Coating - WHITE  
MANUFACTURER/SUPPLIER: Intumescent System Ltd  
ADDRESS: Envirograf House, Barrestone, Nr. Dover, Kent, CT15 7JG  
TELEPHONE/FAX: 01304 842555 01304 842666  
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**2. COMPOSITION / INFORMATION ON INGREDIENTS**

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TYPE OF PRODUCT Intumescent Coating  
Hazardous ingredients

1 CAS-nr2	Name of substance	3 Concentration range	4 Symbol	R phrase and other information	Exposure limit TLV/TWA
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5 Other information

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**3. HAZARDS IDENTIFICATION**

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Not regarded as a health hazard under current legislation.

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**4. FIRST AID MEASURES**

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GENERAL INFORMATION	
INHALATION	Remove the casualty to fresh air, consult doctor in case of symptoms
SKIN CONTACT	Remove contaminated clothing immediately and wash contaminated skin with soap and water. Rinse thoroughly.
EYE CONTACT	Rinse open eye with running water for several minutes.
INGESTION	In case of symptoms, consult doctor.

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**5. FIRE FIGHTING MEASURES**

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RECOMMENDED EXTINGUISHING MEDIA CO<sub>2</sub>, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.

NOT TO BE USED -

SPECIAL ADVICE -

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## 6. ACCIDENTAL RELEASE MEASURES

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PERSONAL PROTECTION	Use breathing protection equipment against the effects of fumes/dust/aerosol.
ENVIRONMENTAL RELEASE MEASURES:	
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SPECIAL INSTRUCTIONS	-

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HAND PROTECTION:	Use of gloves recommended, when handling product.
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OTHER INSTRUCTIONS	-

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PHYSICAL FORM, COLOUR, ODOUR	Liquid – WHITE – Weak, characteristic
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SPEC. GRAVITY	-
PH	5
BOILING POINT	100°C
EXPLOSIVE LIMITS	-
VAPOUR PRESSURE	-
AUTOIGNITION TEMPERATURE	-
SOLBILITY IN WATER	Dispersible
EVAPORATION RATE (BuAc=1)	-
DENSITY	1.2g/cm;
VISCOSITY	-
KINEMATIC	1000cP
OTHER INFORMATION	-

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SENSITIZATION	-
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BIOACCUMULATION	-
MOBILITY IN THE ENVIRONMENT	-
TOXICITY TO ORGANISMS	-
OTHER INFORMATION	Slightly hazardous to water. Do not allow product to reach ground water, water bodies or sewerage system.

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## 13. DISPOSAL CONSIDERATIONS

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PRODUCT RESIDUES	Gather residues into waste containers. Destroy according to the rules given by Local Authorities.
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PACKAGING GROUP	-
ROAD/RAIL	-
ADR/RID CLASS	(cross-border)
TRANSPORT DOCUMENT NAME	-
SEA	-
IMDG-CLASS	-
PROPER SHIPPING NAME	-
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R PHRASES	-
S PHRASES	-
NATIONAL REGULATIONS	-

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