

# Fire Retardant UK Ltd

## One Coat Interior 85% Solution

### 1. IDENTIFICATION OF THE SUBSTANCE AND COMPANY

**1.1 Product Name** One Coat Interior 85% Solution

**1.2 Intended use** Flame retardant

**1.3 Supplier/Manufacturer** Fire Retardant UK Ltd  
West Lulworth  
Dorset  
BH20 5RT

**1.4 Emergency contact number** +44 (0)1142 768008

### 2. Hazards identification

#### 2.1 Classification of the substance or mixture

Hazard Class		Hazard code	
Skin corrosion/ irritation	Category 2	H315	Causes skin irritation
Serious eye damage / irritation	Category 2	H319:	Causes serious eye damage

#### 2.2 Label elements

##### WARNING

Hazard statement H315

Skin corrosion/ irritation

##### Precautionary statements

P264 Wash hands thoroughly after handling

P280 Wear protective gloves/protective clothing /eye protection /face protection

P301+330+331 IF SWALLOWED: Rinse Mouth. DO NOT INDUCE VOMITING

P302+352 IF ON SKIN: Wash with plenty of soap & water

P305+351+338 IF IN EYES : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so.

P333+ 313 IF SKIN IRRITATION OR RASH OCCURS: Get medical advice/ attention

P363 Wash contaminated clothing before re use.

P501 Dispose of containers according to local and national regulations

### 3. Composition / information on ingredients

#### 3.1 Substance

##### Hazardous ingredients according to regulation (EC) No1272/2008

CAS number	Substance	Weight in material	HAZARD
145441-41-4	Phosphoric acid, mixed esters with ethylene glycol	>=45%	Skin corrosion/ irritation

### 4. First aid measures

#### 4.1 Description of 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 person warm and at rest. Seek medical advice if symptoms persist.
- Skin contact** : Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water. Seek medical advice if irritation or symptoms persist.
- Eye Contact** : Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Seek medical advice if symptoms persist.
- Ingestion** : If swallowed, rinse mouth out with water. Do not induce vomiting. Seek medical advice immediately and show the container or label.

#### 4.2 Most important symptoms and effects, both acute and delayed

##### Potential acute health effects

- Eye contact:** Causes serious eye irritation
- Inhalation:** No known significant effects or critical hazards.
- Skin contact:** Causes skin irritation.
- Ingestion:** Irritating to mouth, throat and stomach.

#### 4.3 Indication of any immediate medical attention and special treatment needed.

Notes to physician: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Specific treatments: No specific treatment

### 5. Fire-fighting measures

- 5.1 Extinguishing Media** : Recommended: alcohol resistant foam, CO<sub>2</sub>, powders.  
Not to be used : waterjet.

**Recommendations** : Exposure to decomposition products may cause a health hazard. Appropriate breathing apparatus will be required. Cool closed containers exposed to fire with water. Do not release runoff from fire to sewers or waterways.

## 5.2 Special hazards arising from the substance or mixture

Hazardous combustion products: None under normal conditions

## 5.3 Advice for Fire Fighters

Wear self contained breathing apparatus. Wear full protective suit.

## 6. Accidental release measures

**6.1 Personal precautions** : Avoid breathing vapour or mist. Refer to protective measures listed in section 8

**6.2 Environmental precautions** : Try not to allow to enter drains and water courses. Advise authorities if large spill enters water course or sewer.

**6.3 Methods for cleaning up** : Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13). Do not allow to enter drains or watercourses. Contain spillage, soak up with non combustible absorbent material; transfer to a container for disposal according to local regulations. If the product contaminates lakes, rivers or sewage, inform appropriate authorities.

**Note: see section 8 for personal protective equipment.**

## 7. Handling and storage

**7.1 Handling** : Avoid contact with skin and eyes. Avoid inhalation of vapour and spray mist. Ensure adequate ventilation of the working area. Put on appropriate personal protective equipment (see Section 8). Handle in accordance with good industrial hygiene and safety practice.

**7.2 Storage** : Keep container tightly closed. .  
Keep container in a dry, cool, well-ventilated place.

## 8. Exposure controls/personal protection

**8.1 Control parameters** : Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction if these are sufficient to maintain low concentrations of particulates and solvent vapour. If not adequate suitable respiratory protection must be worn.

### 8.2 Exposure controls

**Hands** : For handling, use solvent resistant gloves.  
Barrier creams may help to protect the exposed areas of the skin, they should however not be applied once exposure has occurred.

**Body** : Protective suit & safety shoes to protect against splashes from pouring.

**Eyes** : Use safety eyewear designed to protect against splash of liquids.

<b>Respiratory</b>	Respirator with a vapour filter (EN141)
<b>Environmental exposure control</b>	Do not allow to enter drains or watercourses.

## 9. Physical and chemical properties

### 9.1 Information on basic and physical and chemical properties

#### Appearance

Colour : Deep Brown

Form : Medium viscosity liquid

Odour : Faint ethereal or alcoholic odour

#### Physical data

pH 6.0-7.0

Concentration 70-90%

Boiling Point Decomposes

Flash Point >100°C

Flammability (liquids) Does not ignite

Explosive properties Regulatory information: Not explosive

International transport regulations: Not explosive

Oxidising properties The substance is not classified as oxidizing

Vapour pressure No data available

Density (20°C) 1.35-1.5

Solubility Fully water soluble

Partition coefficient No data available

Viscosity (PS) 10-1700

Vapour density No data available

Evaporation rate No data available

## 10. Stability and reactivity

### 10.1 Reactivity

Corrosive to copper alloys, passivates steel.

### 10.2 Chemical Stability

Stable under normal prescribed conditions.

### 10.3 Hazardous reactions

Stable under recommended storage conditions

### 10.4 Conditions to avoid

No specific conditions are likely to result in a hazardous situation

### 10.5 Incompatible materials

No specific, or groups of materials are likely to react to produce a hazardous situation

### 10.6 Hazardous decomposition products

No hazardous decomposition products if stored and handled as prescribed

## 11. Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

Not classified based on available information

Inhalation: this product may cause irritation  
 Ingestion: this product maybe harmful if swallowed  
 Eye contact: may cause chemical eye burns

## 12. Ecological information

### 12.1 Toxicity

No data available

### 12.2 Persistence and degradability

No data available

### 12.3 Bioaccumulative potential

No data available

### 12.4 Mobility in soil

No data available

### 12.5 Results of PBT and vPvB assessment

#### Product:

Assessment: This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at level of 0.1% or higher

### 12.6 Other adverse effects

No data available

## 13. Disposal considerations

### 13.1 Waste treatment methods:

Disposal of waste product and containers should be in accordance with local authority regulations and environmental legislation.

## 14. Transport information

<b>Land Transport</b>	ADR: Not regulated
	RID: Not regulated
<b>Inland Waterway Transport</b>	ADNR: Not regulated
<b>Sea Transport</b>	IMDG: Not regulated
<b>Air transport</b>	ICAO/IATA: Not regulated
<b>14.1 UN NUMBER</b>	The product is not covered by international regulation on the transport of dangerous goods
<b>14.2 UN proper shipping name</b>	Not classified for transportation
<b>14.3 Transport and hazard class(es)</b>	Not classified for transportation
<b>14.4 Packing group</b>	Not classified for transportation
<b>14.5 Environmental hazards:</b>	None
<b>14.6 Special precautions for user:</b>	Not classified for transportation
<b>14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code:</b>	Not applicable

## 15. Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance

Candidate list of substances :      Neither banned nor restricted

Of very high concern for

Authorization

Major Accident Hazard :      Neither banned nor restricted

Legislation

### 15.2 Chemical Safety Assessment

A chemical safety assessment has not been carried out for this product.

## 16. Other information

The full text of hazard phrases appearing in section 3 is:

H315 Causes skin irritation

### Revision date

1.0: 19/01/2017

2.0: 26/01/2017

3.0 20/04/2017

4.0 01/10/2017

**The information of this MSDS is based on the present state of our knowledge and on current EU and national laws. The product is not to be used for other purposes than those specified under section 1 without first obtaining written handling instruction. It is always the responsibility of the user to take all necessary steps in order to fulfill the demand laid down in the local rules and legislation. The information in this SDS is meant as a description of the safety requirements of our product : it is not to be considered as a guarantee of the products properties.**