



# Abesco CP310 FR Intumescent Acrylic

## Safety Data Sheet

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Trade Name** Abesco FR Intumescent Acrylic  
**Description** Water-based, single component sealant  
**Intended use** To provide fire resistance in joints and around penetrating services  
**Supplier** Abesco Fire Ltd  
**Address** Laurencekirk Business Park  
Laurencekirk, Scotland  
AB30 1EY  
**Phone Number** +44 (0)1561 377766  
**Fax Number** +44 (0)1561 378887

### 2. COMPOSITION / INFORMATION ON THE COMPONENTS

Substances presenting a health hazard within the meaning of the CHIP Regulations or which are assigned Occupational Exposure Limit values:-

Name	EINICS No.	Conc.Range	Symbol	R-Phrases
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### 3. HAZARD IDENTIFICATION

Not classified as dangerous according to the CHIP Regulations. Also refer to section 11.

### 4. 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. No emergency care anticipated.  
**Ingestion:** If accidentally swallowed wash mouth with water and give water to drink. DO NOT induce vomiting.  
**Skin contact:** Wash skin thoroughly with soap and water or a recognised skin cleaner. DO NOT USE SOLVENT OR THINNERS.  
**Eye contact:** Contact lenses should be removed. Irrigate copiously with clean, fresh water for at least 10 minutes holding eyelids apart, and seek medical advice.

### 5. FIRE FIGHTING MEASURES

The liquid product is 'non-flammable'.

**Extinguishing Media:** Recommended: alcohol resistant foam, CO<sub>2</sub>, powder, water spray/mist.  
**Recommendations:** As the products contain combustible organic components, fire will produce dense black smoke containing hazardous products of combustion (see section 10). Exposure to decomposition products may be a hazard to health. Appropriate self-contained breathing apparatus may be required. Cool closed containers exposed

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to fire with water spray. Do not allow run off from fire fighting to enter drains or water courses.

### 6. ACCIDENTAL RELEASE MEASURES

Exclude non-essential personnel. Refer to protective measures listed in sections 7 and 8. Contain and collect spillages with non-combustible absorbent materials e.g. sand, earth, vermiculite, diatomaceous earth, and place in a suitable container for disposal in accordance with the waste regulations (see section 13). Do not allow to enter drains or water courses. If the product enters drains or sewers, the local water company should be contacted immediately. In the case of contamination of streams, rivers or lakes, inform the relevant Environment Agency.

### 7. HANDLING AND STORAGE

**Handling:** Avoid contact with skin and eyes. Smoking, eating and drinking should be prohibited in areas of storage and use. For personal protection see Section 8. Keep containers closed when not in use. Never use high pressure to empty. The container is not a pressure vessel. Ensure good housekeeping and regular safe removal of waste materials.  
**The Manual Handling Operations Regulations** may apply to the handling of containers/packages of this product. In order to calculate the weight of any pack size, multiply the volume in litres by the specific gravity value given in section 9. This will give the net weight of the product in kilograms.  
 Allowance will then have to be made for the immediate packaging to give the approximate gross weight.

**Storage:** Keep containers tightly closed and store in dry conditions between +5°C and +30°C.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure Controls:** Provide adequate ventilation during application and drying. Where practicable this should be achieved by the use of local exhaust ventilation. If this is not sufficient to maintain concentration of solvent vapours below the relevant Occupational Exposure Limit, suitable respiratory protection must be worn (see 'Occupational Exposure Controls' below).

**Exposure Limits:**

Substance	Occupational Exposure Limits				Notations
	8 hr LTEL (1)		15 min STEL(2)		
	ppm	mgm <sup>-3</sup>	ppm	mgm <sup>-3</sup>	

- (1) Long-term exposure limit - 8 hour time weighted average.
- (2) Short-term exposure limit - 15 mins time weighted average.
- (S) Occupational Exposure Standard (OES)
- (M) Maximum Exposure Limit (MEL)
- (R) Recommended by suppliers
- (A) Allocated limits by analogy with similar materials
- (SK) Risk of absorption through unbroken skin
- (Sen) Capable of causing sensitisation by inhalation

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OEL's are taken from the current version of EH40, except those marked (R) or (A) which are assigned by the supplier of the substance.

**Occupational Exposure Controls:** All Personal Protective Equipment (ppe), including Respiratory Protective Equipment (rpe), used to control exposure to hazardous substances must be selected to meet the requirements of the COSHH regulations.

**Respiratory Protection:** If exposure to hazardous substances identified in section 8 cannot be controlled by the provision of natural ventilation e.g. work in enclosed areas, exposure should be controlled, where reasonably practicable, by the use of mechanical exhaust ventilation; when this is not reasonably practicable, suitable respiratory protective equipment must be worn.

**Hand Protection:** When skin exposure may occur, advice should be sought from glove suppliers on appropriate types and usage times for this product. The instructions and information provided by the glove supplier on use, storage, maintenance and replacement must be followed. Barrier creams may help to protect exposed areas of skin but are not substitutes for full physical protection. They should not be applied once exposure has occurred.

**Eye Protection:** Eye protection designed to protect against liquid splashes should be worn.

**Skin Protection:** Cotton or cotton/synthetic overalls are normally suitable. Grossly contaminated clothing should be removed and the skin washed with soap and water or a recognised skin cleaner. ALWAYS WASH YOUR HANDS BEFORE EATING, SMOKING OR USING THE TOILET.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical state:** Viscous paste  
**Flashpoint:** Above 100 °C  
**Viscosity:** Not applicable  
**Specific gravity:** 1.62-1.66 @ 20 °C  
**Solubility in water:** miscible when wet.  
**pH:** 7.8 – 8.4

### 10. STABILITY AND REACTIVITY

Stable under the recommended storage and handling conditions (see section 7). In a fire, hazardous decomposition products such as smoke, carbon dioxide, carbon monoxide and oxides of nitrogen may be produced. Keep away from oxidising agents and strongly alkaline and strongly acidic materials to prevent the possibility of an exothermic reaction.

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### 11. TOXICOLOGICAL INFORMATION

There is no data available on the product itself. The product has been assessed following the conventional method in CHIP and is classified for toxicological hazards accordingly. This takes into account, where known, delayed and immediate effects and chronic effects of components from short term and long term exposure by oral, inhalation and dermal routes of exposure and eye contact. See sections 3 and 15 for details of the resulting hazard classification.

Splashes in the eye may cause irritation and reversible local damage. Repeated or prolonged contact may lead to removal of natural fats from the skin resulting in non-allergic contact dermatitis.

### 12. ECOLOGICAL INFORMATION

There is no data available on the preparation itself. Do not allow to enter drains or watercourses or be deposited where it can affect ground or surface waters.

The Air Pollution Control requirements of regulations made under the Environmental Protection Act may apply to the use of this product.

**The product has been assessed by the conventional method in CHIP and is not classified as dangerous for the environment.**

### 13. DISPOSAL

Do not allow to enter drains or water courses. Wastes, including emptied containers, are controlled waste and should be disposed of in accordance with regulations made under the 'Control of Pollution Act' and the 'Environmental Protection Act'. Using information provided in this data sheet, advice should be obtained from the relevant Environment Agency whether the Special Waste Regulations apply.

### 14. TRANSPORT INFORMATION

**Transport within the users premises:** Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

**Onwards transport subsequent to purchase:** Transport to be in accordance with ADR for road, IMDG for sea and ICAO/IATA for air.

Proper shipping name: The product is not classified as dangerous for carriage.  
UN number  
Hazard class:  
Packing group:  
Sub-hazard class:

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#### 15. REGULATORY INFORMATION

The product is determined as not being dangerous according to the CHIP Regulations. However, the following precautions should be observed:

##### S Phrases

S2 Keep out of reach of children

S24/25 Avoid contact with skin and eyes

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

S28 After contact with skin, wash immediately with plenty of soap and water or a recognized skin cleaner.

S51 Ensure good ventilation during application and while drying.

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#### 16. OTHER INFORMATION

The information contained in the Material Safety Data Sheet is provided in accordance with the CHIP Regulations. This information is based upon present knowledge and current legislation. It provides guidance on health, safety and environmental aspects of the product. The user remains responsible for the suitability of products for any particular application.

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