

# Safety Data Sheet 91/155/E EC

## PFC Corofil Fire Rated Foam

Revised: 06.05.02 Date printed: 11.12.02



### 1. Identification of The Substance / Preparation and the Company

PRODUCT NAME: PFC Corofil Fire Rated Foam 700ml  
 PART No: 3000775  
 SYNONYMS, TRADE NAMES: MDI Prepolymer Under Pressure In Aerosol Can. **Emergency phone:**  
 SUPPLIERS: PFC Corofil Firestops Preformed Components Limited. 020 8391 0533  
 Davis Road, Chessington, Surrey. KT9 1TU  
 TEL: 020 8391 0533  
 FAX: 020 8391 4328

#### Supplied by:

**RS Components Ltd**, Birchington Road, Corby, Northants, NN17 9RS.  
 Tel: (01536) 402888

### 2. Composition / Information on ingredients

Ingredient Name	Cas No.	Contents	Health	Risk
Diphenyl Methane-4,4'-Di-Isocyanate	101-68-8	5-10%	Xn	20,36/37/38,42/43
Propane	74-98-6	1-5%		
Butane	106-97-8	1-5%		
Dimethyl Ether	115-10-6	5-10%		

### 3. Hazards Identification.

**Extremely flammable.**  
 Irritating to eyes, respiratory system and skin.  
 May cause sensitisation by inhalation and skin contact.

### 4. First Aid Measures.

<b>Inhalation</b>	Move the exposed person to fresh air at once. Perform artificial respiration if breathing has stopped. Keep the affected person warm and at rest. Get prompt medical attention.
<b>Skin Contact</b>	This product bonds to skin extremely well. Carefully remove the cured product by physical means, soften the remaining material with moisturizer and allow to degrade by
<b>Eye Protection</b>	Promptly wash eyes with plenty of water while lifting the eyelids. Get medical attention immediately. Continue to rinse.
<b>Ingestion</b>	DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Get medical attention.

### 5. Fire Fighting Measures

<b>Extinguishing Media</b>	Powder, foam or CO <sub>2</sub> . Larger fires: Water spray, fog or mist.
<b>Special Fire Fighting Procedures:</b>	Use water to keep fire exposed containers cool and disperse vapours. Move container from fire area if it can be done with out risk. Keep run-off water out of sewers and water sources. Dike for water control. If risk of water pollution occurs, notify appropriate authorities. Use pressurized air mask if substance is involved in fire.
<b>Unusual Fire &amp; Explosion Hazards:</b>	Aerosol cans may explode in fires. If heated, volume and pressure increases strongly, resulting in explosion of container. May develop highly toxic or corrosive fumes if heated.

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#### 6. Accidental Release Measures

**Spill Cleanup Methods:** Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Provide ventilation and confine spill. Do not allow runoff to sewer. DO NOT touch spilled material. Shovel into dry containers. Cover and move the containers. Flush the area with water.

#### 7. Handling and Storage

**Usage Precautions:** Do not use in confined spaces with out adequate ventilation and/or respirator. Risk of vapour concentration on the floor and in low-lying areas. Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Do not use contact lenses.

**Storage Precautions:** Store at moderate temperatures in dry, well-ventilated area. Keep away from heat, sparks and open flame.

**Storage Criteria:** Misc. hazardous material storage. Flammable compressed gas storage.

#### 8. Exposure Controls and Personal Protection

Ingredient Name	Cas No.	STD	LT EXP (8 hrs)	ST EXP (15 mins)
Diphenyl Methane-4,4'-Di-Isocyanate	101-68-8	MEL	0.02mg/m <sup>3</sup> Sen	0.07mg/m <sup>3</sup> Sen
Propane	74-98-6		Asphyxiating	Asphyxiating
Butane	106-97-8	OES	600 ppm	750 ppm
Dimethyl Ether	115-10-6	OES	400 ppm	500 ppm

**Ingredient Comments:** OES = Occupational Exposure Standard.  
MEL = Maximum Exposure limits for

Isocyanates are quoted as NCO.

**Protective Equipment:**



<b>Ventilation:</b>	Provide adequate general and local exhaust ventilation.
<b>Respirators:</b>	Respiratory protection may be required
<b>Eye Protection:</b>	Use engineering controls to reduce air contamination to permissible exposure level. Wear appropriate clothing to prevent any possibility of skin contact.
<b>Other Protection:</b>	Wear splash-proof eye goggles to prevent any possibility of eye contact. Contact lenses should not be worn when working with this chemical!
<b>Hygienic Work Routines:</b>	Wash promptly if skin becomes contaminated. Wash at the end of each work shift and before eating, smoking and using the toilet. Change work clothing daily if contamination is reasonably probable.

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### 9. Physical and Chemical Properties.

<b>Appearance:</b>	Aerosol. Or Viscous. Liquid. Or Solid. Foam
<b>Colour:</b>	Pink.
<b>Physical Data Comments:</b>	Information given concerns the major ingredient.
<b>Solubility Description:</b>	Hardens in contact with water. Slightly soluble in: Organic solvents (moist).
<b>Viscosity:</b> N/A	Flash Point (°C) <20
<b>Flash Point Method:</b>	OC (Open Cup)

### 10. Stability and Reactivity

**Stability:** Normally stable. Avoid: Heat, sparks, flames.  
**Materials To Avoid:** No incompatible groups noted.  
**Hazardous Decomposition Products:** Fire creates: Toxic gases/vapours/fumes of: Ammonia or amines.  
**Carbon monoxide (CO). Oxides of:** Nitrogen. Hydrogen cyanide (HCN). Nitrous Gases (Nox).

### 11. Toxicological Information.

**Health Warnings:** This chemical can be hazardous when inhaled and/or touched. INHALATION. Prolonged inhalation of high concentrations may damage respiratory system. Pulmonary sensitizer. Recognized allergen. SKIN CONTACT. Irritating to eyes. EYES, NOSE AND MOUTH. May cause temporary blindness and severe eye damage. RESPIRATORY SYSTEM. Repeated exposure may cause chronic upper respiratory irritation.

**Route of Entry:** Inhalation. Ingestion. Skin and/or eye contact.

**Target Organs:** Eyes. Respiratory system, lungs. Skin.

**Medical Symptoms:** EYES AND MUCOUS MEMBRANES. Irritation of eyes and mucous membranes. RESPIRATORY SYSTEM. General respiratory distress, unproductive cough. SKIN. Skin irritation. Brown skin stains.

**Medical Considerations:** Chronic respiratory an obstructive airway diseases. Skin disorders and allergies. Allergic reactions may develop after inhalation of low concentrations, also several hours after exposure.

### 12. Ecological Information.

**Environmental Hazards:** Little danger to the environment.

### 13. Disposal Considerations

**Disposal Methods:** Dispose of in accordance with Local Authority requirements.

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#### 14. Transport Information

Label for Conveyance:



Road:

UN No:	1950	ADR Class No:	2
Hazard Class (ADR):	Division 2.1: Flammable gases.	Proper Shipping Name I:	Aerosols
ADR Item No:	5 (f)		

Rail:

Sea:

Sea Transport Class No:	2
EmS No:	2-13
Marine Pollutant:	No.

#### 15. Regulatory Information



<b>Risk Phrases:</b>	R-12	Extremely Flammable.
	R-36/37/38	Irritating to eyes, respiratory system and skin.
	R-42/43	May cause sensitisation by inhalation and skin contact.
<b>Safety Phrases:</b>	S-2	Keep out of reach of children.
	S-16	Keep away from sources of ignition – No Smoking.
	S-23	Do not breathe gas/fumes/vapour/spray.
	S-24	Avoid contact with skin.
	S-26	In case of contact with eyes, rinse immediately with plenty of water and Seek medical advice.
	S-28	After contact with skin, wash immediately with plenty of water.
	S-38	In case of insufficient ventilation, wear suitable respiratory equipment.
	S-45	In case of accident or if you feel unwell, seek medical advice Immediately (Show label where Possible).
	S-51	Use only in well ventilated areas.
	S-37/39	Wear suitable gloves and eye/face protection.
	P-4	Contains isocyanates. See information supplied by manufacturer.

UK Regulatory Reference: Health and safety at Work Act 1974.

Statutory Instruments: Chemicals (Hazard information and Packaging) Regulations. Control of Substances Hazardous to Health.

Guidance Notes: Occupational Exposure Limits EH40.

Isocyanates toxic hazards and precautions EH16. CHIP for everyone HSG(108)

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**16. Other Information**

**Information Sources:** Material Safety Data Sheet, Misc. manufacturers.

SDS No: 10608

Safety Data Sheet Status: Approved.

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