

Safety Data Sheet

according to EEC Regulation 91/155/EEC

01 Identification of the substance / preparation and the company / undertaking

1.1 Product Name

Polyurethane Foam Aerosol

1.2 Supplier

ITW Construction Products
Fleming Way
Crawley
West Sussex RH10 9DP
England

Emergency Telephone Number 44 (0) 1293 523372

Technical Number 0800 2980213

02 Composition / information on ingredients

2.1 Diphenylmethan-4,4' diisocyanate 101-68-8 2029660 R20-36/37/38-42 5 - 15% Polyurethane prepolymer mixture mixture unclassified Over 30% 1,1, - Difluoroethane 75-37-6 2008661 R11 15 - 30% Butane 106-97-8 2034487 R12 5 - 15%

03 Hazards identification

3.1 To people

If ingested may cause some irritation to the mouth and upper digestive tract, May cause significant eye irritation, May cause significant skin irritation especially if exposure is prolonged and/or repeated. Unlikely to cause damage to internal organs following skin contact. May cause sensitisation following inhalation Prolonged inhalation of high concentrations of the aerosol and derived vapours may induce drowsiness, headache, loss of coordination and narcosis. In severe over exposure this may lead to coma and death. Inhalation of the aerosol may also cause significant irritation of the nose and upper respiratory tract

3.2 Safety

Extremely Flammable

3.3 Ecological

Inherently biodegradable so unlikely to accumulate in the aquatic environment. Discharge of large quantities into the aquatic environment may kill fish and other aquatic organisms

04 First aid measures

4.1 Inhalation

remove from exposure. Keep warm and at rest. If breathing stops or shows signs of failing apply artificial ventilation. Seek medical attention urgently

4.2 Skin contact

immediately wash the skin with soap and water. Seek medical attention if skin appears damaged

4.3 Eye contact

immediately wash out the eye with plenty of water for at least 10 minutes holding the eye open. Seek medical attention if symptoms persist

4.4 Ingestion

wash out the mouth with water. Do not induce vomiting. Seek medical advice

05 Fire-fighting measures

5.1 Will form oxides of carbon and nitrogen and hydrogen fluoride if burnt. In case of fire use powder, foam, sand, water spray. Avoid using large quantities of water. In case of fire, cool the stored aerosol cans with water spray. In case of fire, self contained breathing apparatus should be worn

06 Accidental release measures

6.1 Personal precautions

Wear impervious gloves/overalls, eye protection and a vapour absorbing face mask while clearing up the spillage

6.2 Environmental precautions

Do not wash into drains

6.3 Methods for cleaning/taking up

Place in plastic barrels for disposal. Do not mix with other waste materials. Dispose of in accordance with State and local authority regulations. Seek advice from the local waste authority or seek guidance from Ramset Fasteners Limited

07 Handling and storage

7.1 Keep away from sources of ignition. Store the aerosol cans at between 5 and 50 degrees Centigrade out of direct sunlight. Use in a well ventilated area

08 Exposure controls / personal protection

Avoid contact with eyes, skin or clothes, do not inhale the spray. Working procedures should be designed to minimise worker exposure to this product. Where this is not possible the following personal protective equipment should be provided.

Personal protective equipment

Respiratory protection

Adequate respiratory protection must be worn. All personal protective equipment must comply with the appropriate EEC [CE] standards and should be maintained and stored to ensure continued suitability for use. Workers should be trained in the effective use and maintenance of the personal protective equipment provided.

Hand protection

Impervious gloves recommended

Eye protection

Chemical safety goggles must be worn

Skin protection

Protective overalls and shoes/boots recommended

09 Physical and chemical properties

Form	Aerosol
Flash point	Below 23°C
Solubility in water	Insoluble

10 Stability and reactivity

Hazardous reactions

May react with strong oxidants.

Hazardous decomposition products

Decomposition can occur above 100°C direct sunlight; naked flame.

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immediately with plenty of water.

Seek medical advice

In case of fire, use dry chemical, foam or fine water spray. Do not use water jet

11 Toxicological information

Acute oral toxicity LD50>2000mg/kg

General remarks

Not classified as "Harmful if swallowed"

May cause some irritation of the mouth and upper digestive tract.

May produce significant skin irritation after prolonged contact.

May cause significant eye irritation

Repeated exposure may cause respiratory sensitisation

12 Ecological information

12.1 Physico chemical eliminability

This product is inherently biodegradable. Do not release into surface waters

13 Disposal considerations

13.1 Disposal/product

When disposing of waste or surplus material avoid contact with eye and skin. Wear impervious gloves/overalls, chemical safety goggles and suitable respiratory protection. Do not wash into the drains. Do not mix with other waste materials. Seek advice from the local waste authority or seek advice from Ramset Fasteners Limited

14 Transport information

This product is classified as Dangerous for Transport and should be labelled:- A flammable aerosol UN No 1950 flammable gas class

15 Regulatory information

15.1 Labelling

This preparation has been assessed using the health and safety criteria laid down in the EEC Directives on the Control of Dangerous Substances and Preparations. It is found to be classified as "Dangerous" according to both the health and safety criteria and should be labelled:- Physical Hazard

15.2 Name of Product

Polyurethane Foam Aerosol

15.3 Contains

Diphenylmethane-4,4'-di-isocyanate

15.4 Symbol(s)



R - phrase(s)

- R36/38 Irritating to eyes, respiratory system and skin
R42 May cause sensitisation by inhalation
R12 Extremely flammable



S - phrase(s)

- S2 Keep out of reach of children
S24/25 Avoid contact with skin and eyes
S23 Do not breathe spray/vapour
S51 Use only in well ventilated areas
S46 If swallowed, seek medical advice immediately and show this container or label
S28 After contact with the skin, wash immediately with plenty of soap and water. In case of contact with eyes, rinse immediately with plenty of water. Seek medical advice
S26 In case of contact with eyes, rinse

16 Other information

and as accurate as possible. They are given for information only. They do not constitute a contractual guarantee of a product's properties. Further advice and assistance may be obtained from our Technical Department at Glasgow - Tel: 0800 2980213