

MATERIAL SAFETY DATA SHEET

PRODUCT : RHODIA EXPANDING FOAM

(1) Identification of substance/preparation and of the Company

Product Name : CONSTRUCTION CHEMICALS UK LTD
75 TOWN GREEN ST
ROTHLEY
LEICESTER
Telephone No. : 0116 230 1955
Fax No : 0116 230 1944

(2) Composition/information on ingredients

A one-component polyurethane foam.
Contains diphenylmethane di-isocyanate, HCFC & Butane

(3) Hazards Identification

Routes of Exposure/Health Skin and eye contact, inhalation and ingestion

Hazards:

Symptoms of Exposure (Acute): Vapour may cause irritation of nose, throat and upper respiratory system.
Causes defatting of the skin. Irritating to eyes.

Symptoms of Exposure (Chronic): Long term exposure to isocyanate vapour may cause respiratory problems including asthma and sensitisation.

Medical conditions aggravated Bronchitis, asthma and other respiratory complaints.by exposure: Dermatitis, eczema, psoriasis and other skin complaints.Conjunctivitis and other eye complaints.

Explosion hazards: Excessive pressurisation of aerosol can will occur if heated, with risk of explosion.
Explosive mixtures of propellant/air may be formed.

Fire hazards: All organic materials are combustible and may present a fire risk if exposed to flame, fire heat or other potential sources of ignition.
Flammable product (flash point below 55 °C).

Corrosion hazards: No known corrosive hazard.

Environmental hazards: Entry into water courses and sewage systems.

(4) First Aid Measures

Inhalation: Remove patient to fresh air. If not breathing apply artificial respiration. If breathing is difficult, oxygen may be given by suitably qualified personnel. Seek medical attention.
Effects may be delayed.

Eye Contact: Flush with copious amounts of water for at least 15 minutes. Seek immediate medical attention.

Skin Contact: Wash with soap and water for 15 minutes. Obtain medical attention.

Ingestion: Wash with soap and water for 15 minutes. Obtain medical attention.

Advice to Physicians: Treat symptomatically.

(5) Fire Fighting Measures

Fire Extinguishing Media: Use Foam, Dry Powder, Carbon Dioxide. In case of larger fires, water spray/mist may be used.

Special Fire Fighting Procedures: Water jets are not suitable.

Protective Equipment: Full-face positive pressure breathing apparatus as and full protective clothing.

Special exposure hazard(s): In the event of a fire may produce toxic vapour and fumes. Explosive mixtures of propellant/air may be formed.Excessive pressurisation of aerosol can will occur if heated, with risk of explosion.

(6) Accidental Release Measures

Personal Precautions: Remove all sources of ignition. Full protective clothing and eye protection. Goggles.

Environmental Precautions: Contain and cover any spillage immediately with sand, earth or other suitable absorbent.
Prevent ingress into watercourses and sewers.

Methods of clean-up Transfer absorbent material to a suitable waste container. Do not seal. Keep damp and in open air for 7 days. Dispose of in accordance with local and National regulations.

(7) Handling & Storage

Safe Handling Advice: Avoid contact with skin and eyes.

Ensure adequate ventilation to maintain atmospheric levels in accordance with exposure limit(s). Read instructions on aerosol can.

- Storage precautions: Keep containers tightly closed and dry, in a well ventilated area away from heat and direct sunlight. Store can in an upright position.
- Storage Temperature: 10-23 C
- (8) Exposure Controls/personal protection
- Exposure Limits: Natural ventilation
- Personal Protection:
- Respiratory Protection: In the absence of exhaust or natural ventilation that maintains atmospheric concentration in accordance with the exposure limit(s), self contained breathing apparatus should be worn.
- Eye Protection: Safety goggles
- Hand Protection: PVC/rubber gloves.
- Skin Protection: WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS), GAUNTLETS AND EYE PROTECTION when using.
- (9) Physical & Chemical Properties
- Physical State:
- Colour:
- Odour: Odourless
- pH: N/A
- Boiling Point/Boiling Range:
- Melting Point/Melting Range:
- Flash Point:
- Flammability:
- Autoflammability: Auto ignition Temperature >100 C
- Explosive Properties: -
- Oxidising Properties: -
- Relative Density:
- Solubility: Partially miscible, reacts with water
- (10) Stability & Reactivity
- Chemical Stability: Stable under recommended storage conditions and in intended use and applications.
- Conditions to Avoid: Elevated temperatures.
- Materials to Avoid: None known.
- Hazardous Decomposition Products: Stable under recommended storage conditions and in intended use and applications.
Toxic fumes or vapours may be generated on incineration.
- (11) Toxicological Information
- Oral: Single dose oral toxicity is low. Harmful.
- Skin: Repeated skin contact will cause defatting, leading to irritation and dermatitis.
- Eyes: May cause irritation.
- Respiratory: May cause headaches, breathlessness (respiratory effects could be delayed). Propellant gas can displace air.
- Sensitisation: Respiratory sensitisation may occur as a result of long term exposure to isocyanate vapours or short term exposure to excessive vapour concentrations.
- Chronic effects: Possible sensitisation and long-term asthma-like symptoms may result from exposure to isocyanates.
- Appraisal of Toxicological Data: Repeated or prolonged exposure to components of this preparation may result in irreversible effects.
- (12) Ecological Information
- Entry into water may result in the blocking of sunlight and oxygen diffusion so causing harm to the aquatic environment. Bioaccumulative potential of some components should be considered to be high due to low biodegradation rates. All necessary precautions should be taken to prevent entry of the components into soil, water or atmosphere.
- (13) Disposal Considerations
- Aerosol can should not be punctured or incinerated after use.
- Small quantities of isocyanate may be decontaminated using an approved technique.
- DISPOSE OF by the WASTE DISPOSAL AUTHORITY.
- (14) Transport Information
- UN No. 1950
- Packing Group Not applicable
- ADR/RED Class 2,10(b) 1

IMO Class	9
ICAO/IATA Class	2.1
IMO Shipping name	Aerosols
IATA Shipping name	Aerosols, flammable, N.O.S., containing substances in Division 6.1, Packing Group III
ADR/RID Shipping name	Aerosol dispensers
MFAG Table No.	370
EMS No.	6.1-02
Marine Pollutant (Yes/No)	No

(15) Regularity Information

HARMFUL

R20 - Harmful by inhalation

S02 - Keep out of reach of children.

R36/37/38 - Irritating to eyes, skin

S16 - Keep away from sources of ignition, no smoking & respiratory system.

S23 - Do not breathe vapour/spray.

R42 - May cause sensitisation by

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

S28 - After contact with skin, wash

S37/39 - Wear suitable gloves and eye/face protection.

immediately with plenty of soap & water.

S38 - In case of insufficient ventilation,
wear suitable respiratory equipment.

S45 - In case of accident or if you feel
unwell, seek medical advice immediately
(show the label where possible).

S51 - Use only in well ventilated areas.

Other Phrases

Do not spray on flame or incandescent objects

Discard only when completely empty

Contains isocyanates

See information supplied by the manufacturer

No smoking, naked flames or other sources of ignition. Earth all electrical equipment. Take precautionary measures against static discharge.

Aerosol can is pressurised-protect from sunlight and do not expose to temperatures exceeding 50 °C

Aerosol can should not be punctured or incinerated after use

All organic materials are combustible and may present a fire risk if exposed to flame, fire heat or other potential sources of ignition.

Product Registration(s)

MDI prepolymer solution in propellant

(16) Other Information

THE (COSHH) Control of Substances Hazardous to Health Regulations 1994 may apply to the use of this product at work.

Recommended Use IF YOU FEEL UNWELL, seek medical advice (show label where possible). Required training
Engineering control of operator exposure must be used where reasonably practicable.

The information contained on these sheets is, to the best of our knowledge, true and accurate, but any recommendations or suggestions are made without guarantee.