



Health and Safety Data Sheet

Two Part Polyurethane Foam Part A

1) Identification of the product

a) Flint Hire & Supply Ltd product names and codes

Two Part Polyurethane Foam Part A 1kg
Two Part Polyurethane Foam Part A 5 kg
Two Part Polyurethane Foam Part A 25 kg

Code PAT840
Code PAT842
Code PAT8421

b) Manufactures Product Names

Isofoam RM 6142H RES

SUPPLIER

Flint Hire & Supply
Queens Row
London SE17 2PX
Phone: 020 7703 9786
Fax: 020 7703 0616

MANUFACTURER

Baxenden
Polyurethane Systems Division
Paragon Works
Baxenden
Accrington
Lancs BB5 2SL
Phone: 012 5487 2278
Emergency phone number: 012 5487 2278

2) Composition

Chemical Name (CAS No)	% of Composition	Hazard
Nonyl Phenol ethoxylate (9016-45-9)	* <10	Harmful-R22, R38, R41
Tertiary amine catalyst	<2	Corrosive-R10, R20/21/22, R43

3) Physical and chemical properties

Appearance: Clear, viscous liquid
Odour: Characteristic odour
Boiling Point °C: >30

Date of issue: 03/08/95

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Melting Range:	Not applicable
Freezing Point °C:	Not applicable
Softening Point °C:	Not applicable
Flash Point °C:	> 100
Flammability Limits:	Not determined
Explosion Limits:	Not determined
Autoignition temperature °C:	> 300
Oxidising Properties:	None known
Vapour Pressure	
Vapour Density (air=1):	Not determined
Specific gravity (water=1):	1.13 @ 20°C
Solubility:	Good in most common solvents
Miscibility in water:	Partially miscible
Viscosity (mPa.s = cps)	530 mPa.s @ 20°C
Non-volatile Matter %	

4) Fire fighting measures

Suitable extinguishing media:	Foam, dry powder, carbon dioxide. In case of larger fires, water spray/mist may be used.
Extinguishing media which must not be used:	None known
Special exposure hazard(s):	In the event of a fire may produce toxic vapour and fumes.
Protective equipment:	Full-face positive pressure breathing apparatus and full protective clothing.

5) First aid measures

Skin contact:	Wash with soap and water for 15 minutes. Obtain medical attention.
Eye contact:	Flush with copious amounts of water for at least 15 minutes. Seek immediate medical attention.
Ingestion:	If ingested do not induce vomiting, immediately seek medical attention.
Inhalation:	Remove 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.
Advice to physicians:	Treat symptomatically.

6) Stability and reactivity

Chemical Stability:	Stable under recommended storage conditions and in intended use and applications.
Conditions to avoid:	Prolonged exposure to direct sunlight. Elevated temperatures.



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Materials to avoid: Alkaline materials, strong bases.
Hazardous polymerization: Not known to occur.

7) Toxicological information

Oral: Single dose oral toxicity is low.
Skin: Possible irritant on repeated contact.
Eyes: May cause irritation.
Respiratory: May cause irritation of the nose and throat.
Sensitisation: None known.
Chronic effects: None known.
Appraisal of Toxicological Data: Not determined.

8) Ecological information

Ecotoxicity: Some components are expected to exhibit high mobility in soil and could leach to ground water.
Bioaccumulative Potential: Entry into water may result in the blocking of sunlight and oxygen diffusion so causing harm to the aquatic environment.
Appraisal: All necessary precautions should be taken to prevent entry of the components into soil, water or atmosphere.

9) Handling and storage

Handling precautions: Avoid contact with skin and eyes.
Wash thoroughly after handling.
Storage precautions: Store in containers supplied.
Keep containers sealed.
Storage Temperature: < 40°C

10) Exposure standards/Personal protection

Engineering Measures: Natural ventilation.
Control Parameters:
Chemical (CAS No) Exposure limit
Personal Protection-Respiratory:
In the absence of exhaust or natural ventilation that maintains atmospheric concentration in accordance with the exposure limit(s), self-contained or airline breathing apparatus should be worn.
Personal Protection-Hand: PVC or rubber gloves
Personal Protection-Eye: Safety glasses
Goggles
Personal Protection-Skin: Overalls

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11) Accidental release measures/spillage

Personal protection: Protective clothing and eye protection
 Environmental precautions: Contain and cover any spillage immediately with sand, earth or other suitable absorbent. Prevent ingress into water courses and sewers.
 Methods of clean-up: Transfer absorbent material to a suitable waste container. Dispose of in accordance with local and National regulations.

12) Disposal

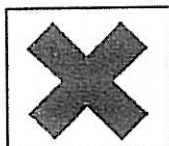
Dangers: Toxic fumes or vapours may be generated on incineration. Do not allow to enter water courses.
 Disposal of Substance/Preparation: Dispose of in accordance with local and National regulations.
 Disposal of Packaging: Dispose of in accordance with local and National regulations.

13) Transport information

UN No.	Not applicable
Packing Group	Not applicable
ADR/RID Class	Not applicable
IMO Class	Not applicable
ICAO/IATA Class	Not applicable
IMO Shipping name	Not applicable
IATA Shipping name	Not applicable
ADR/RID Shipping name	Not applicable
MFAG Table No.	Not applicable
EMS No.	Not applicable
Marine Pollutant (Yes/No)	No

14) Regulatory information

Classification & Symbol(s):



IRRITANT

Risk Phrases: R36: Irritating to eyes
 Safety Phrases: 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.
 Other Phrases: Keep container tightly closed when not in use. Do not allow ingress of moisture.
 See information supplied by the manufacturer.

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15) Hazard identification

Routes of exposure/Health hazards:

Skin and eye contact, inhalation and ingestion

Symptoms of Exposure (Acute):

Irritating to eyes

May be slight irritation to skin

Symptoms of Exposure (Chronic):

May be irritant on prolonged contact with skin.

Repeated skin contact may cause dermatitis.

Medical conditions aggravated by exposure:

Conjunctivitis and other eye complaints

Dermatitis, eczema, psoriasis and other skin complaints

Explosion hazards:

Pressurisation of the drum may occur if heated.

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.

Corrosion hazards:

No known corrosive hazard.

Environmental hazards:

Entry into watercourses and sewage systems.

16) Other information

Recommended use and restrictions: This material is intended for use by trained personnel solely for the application described in the Technical Data Sheet and for no other purpose.

Required training of Personnel:

All personnel involved in the handling and use of this material should be adequately trained in the handling of chemical products, the use of protective equipment and engineering control measures provided and should read and understand this data sheet.

Technical contact point MSDS:

Technical Manager, Polyurethane Systems Division.

Main References:

Internal data/EH40/component supplier information.
 RM001E

Please Note – This Material Safety Data Sheet should be read in conjunction with the Technical Information sheet for the product.

The information contained in this data sheet is, to the best of our knowledge, true and accurate, but any recommendations or suggestions which may be made are without guarantee, since the conditions of use are beyond our control. Furthermore, nothing contained herein shall be construed as a recommendation to use any product in conflict with existing patents covering any material or its use.