

RASIKY RapidFoam EXPANDING PU SPRAY FOAM; GUN TYPE

IDENTIFICATION

GHS Product identifier:/ PU FOAM

Other means of identification: /

Recommended use of the chemical and restrictions on use:/

Supplier's details: RASIKY PROJECTS PTY LTD

Emergency phone number: /

HAZARDS IDENTIFICATION

Classification of the substance or mixture:

Aerosols Category 1

Acute toxicity, inhalation Category 4

Skin corrosion/irritation Category 3

Serious eye damage/eye irritation Category 2

Sensitisation, skin Category 1

Specific target organ toxicity, single exposure Category 1 (inhalation)

GHS Label elements, including precautionary statements:

Symbol:



Signal word: DANGER

Hazard statement(s): Extremely flammable aerosol. Pressurized container: may burst if heated. Harmful if inhaled. Causes mild skin irritation. Causes serious eye irritation. May cause an allergic skin reaction. Causes damage to organs (inhalation).

Precautionary statement(s):

Prevention:

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use.

Do not breathe dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area.

Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection.

RESPONSE

IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Specific treatment (see under for further information). Take off contaminated clothing and wash it before reuse.

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. IF exposed or concerned: Call a poison center/doctor. Specific treatment (see under for further information).

STORAGE:

Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F.

Disposal:

Dispose of contents/container in accordance with local/regional/national/international regulations.

Other hazards which do not result in classification: /

COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Concentration%
Chlorinated paraffin	63449-39-8	44.5%
Polymethylene polyphenyl polyisocyanate	9016-87-9	26%
Polyether	/	11%
Propane and Butane	74-98-6、106-97-8	9%
Dimethyl ether	115-10-6	8%
Silicone oil	63148-62-9	1%
DMDEE	6425-39-4	0.5%

FIRST AID MEASURES

Description of necessary first aid measures

If inhaled: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact: Remove contaminated clothing and wash off with plenty of running water.

In case of eye contact: Rinse thoroughly with plenty of running water for at least 15 minutes and consult a physician.

If ingestion: Rinse mouth with water.

Most important symptoms/effects, acute and delayed: /

Indication of immediate medical attention and special treatment needed, if necessary: /

FIREFIGHTING MEASURES

Suitable extinguishing media: Use foam, dry powder or water spray.

Special hazards arising from the chemical: It can spray flammable gas and the container can burst when it is heated.

Special protective actions for fire-fighters: Wear self-contained breathing apparatus for firefighting if necessary. Use water spray to cool unopened containers. In case of fire in the surroundings, use appropriate extinguishing media.

ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: It is recommended that emergency personnel wear protective masks and fire protective overalls. Do not touch the spill directly.

Environmental precautions: Isolate contaminated areas and restrict access.

Methods and materials for containment and cleaning up: Ensure adequate ventilation in leak area.

HANDLING AND STORAGE

Precautions for safe handling: There should be sufficient local exhaust in workplace. Operators should be trained and strictly follow the operating procedures. Operators are advised to wear protective masks, normal protective clothing and protective gloves. Operators should load and unload lightly during handling to prevent damage to the package. There should be leakage treatment equipment in workplace.

Conditions for safe storage, including any incompatibilities: Store in a cool, dry, well-ventilated warehouse. Keep away from fire and heat. Protect from direct sunlight. It should

be stored separately from oxidants, flammable materials, etc., and should not be mixed.

EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters: /

Appropriate engineering controls: Close strictly and provide sufficient local exhaust.

Individual protection measures

Eye/face protection: Wear a protective mask.

Skin protection: Wear normal protective clothing.

Respiratory protection: Air respirators should be worn during emergency rescue or evacuation.

Thermal hazards: /

PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state, colour etc)	An iron can contains a mixture of high pressure gas and liquid
Odour	/
Odour Threshold	/
pH	/
Melting point/freezing point	/
Initial boiling point and boiling range	/
Flash point	/
Evaporation rate	/
Flammability (solid, gas)	/
Upper/lower flammability or explosive limits	/
Vapour pressure	/
Vapour density	/
Relative density	/
Solubility(ies)	/
Partition coefficient: n-octanol/water	/
Auto-ignition temperature	/
Decomposition temperature	/
Viscosity	/

STABILITY AND REACTIVITY

Reactivity: /

Chemical stability: The material is stable in normal temperature.

Possibility of hazardous reactions: /

Conditions to avoid: Spark, high temperature and static electricity.

Incompatible materials: Flammable materials.

Hazardous decomposition products: Oxycarbides, etc.

TOXICOLOGICAL INFORMATION

Information on the likely routes of exposure: Inhaled, swallowed, skin, eyes.

Symptoms related to the physical, chemical and toxicological characteristics: /

Acute health effects: Accidental ingestion of the material may be harmful and cause cough and throat irritation. Oral intake may cause nausea and other symptoms. This material may cause skin and eyes irritation.

Chronic health effects: Repeated or prolonged exposure may cause skin allergy.

Numerical measures of toxicity (such as acute toxicity estimates):

Chlorinated paraffin:

LD50(oral, rat): >4000 mg/kg

LD50(dermal, rabbit): >11600 mg/kg

Polymethylene polyphenyl polyisocyanate:

LD50(oral, rat): >2000 mg/kg

LD50(dermal, rabbit): >9400 mg/kg

LC50(inhalation, rat): 0.49 mg/l/4h

Butane:

LC50(inhalation, rat): 658 mg/l/4H

Dimethyl ether:

LC50(inhalation, rat):309 mg/l/4H

Silicone oil:

LD50(oral, rat): >17000 mg/kg

LD50(dermal, rabbit): >2000 mg/kg

ECOLOGICAL INFORMATION

Toxicity:

Endpoint	Test Duration (hr)	Species	Value
Chlorinated paraffin:			
LC50	96	Fish	>0.0109mg/L
EC50	96	Algae or other aquatic plants	>3.2mg/L
NOEC	504	Crustacea	0.002mg/L
Polymethylene polyphenyl polyisocyanate:			
LC50	96	Fish	>1mg/L
EC50	72	Algae or other aquatic plants	>1-640mg/L
Propane:			
LC50	96	Fish	10.307mg/L
EC50	96	Algae or other aquatic plants	7.71mg/L
Butane:			
LC50	96	Fish	5.862mg/L
EC50	96	Algae or other aquatic plants	7.71mg/L
Dimethyl ether:			
LC50	96	Fish	1-783.04mg/L
EC50	48	Crustacea	>4400.0mg/L
EC50	96	Algae or other aquatic plants	154.917mg/L
NOEC	48	Crustacea	>4000mg/L
Silicone oil:			
LC50	96	Fish	3.16mg/L

Persistence and degradability:

Low (Propane) / Low (Butane) / Low (Dimethyl ether) / High (DMDEE)

Bioaccumulative potential:

Low (Propane) / Low (Butane) / Low (Dimethyl ether) / Low (DMDEE)

Mobility in soil: Low (Propane) / Low (Butane) / High (Dimethyl ether) / Low (DMDEE)

Other adverse effects: /

DISPOSAL CONSIDERATIONS

Disposal methods: Dispose this product by safe burial. Damaged containers are prohibited from being reused and should be buried in the prescribed place.

TRANSPORT INFORMATION

UN number: 1950.

UN proper shipping name: AEROSOLS.

Transport hazard class(es): 2.1.

Packing group, if applicable: /

Environmental hazards: /

Special precautions for user: /

REGULATORY INFORMATION

Regulations: This safety data sheet is in compliance with the following national standards: GB/T 16483-2008, GB 13690-2009, GB 18218-2018, GB 15258-2009, GB 6944-2012, GB 190-2009, GB/T 191-2008, GB 12268-2012, GA 57-1993, GB/T 15098-2008, GBZ 2.1-2019, GBZ 2.2-2007 as well as the following national regulations: Dangerous Goods Transport Administrative Regulation, Dangerous Chemicals Safety Administrative Regulation.

OTHER INFORMATION

References

UN Recommendations on the Transport of Dangerous Goods Model Regulations

UN Globally Harmonized System of Classification and Labelling of Chemicals

Note 1: When products contain two or more hazardous substances, Safety Data Sheets should be prepared based on the risk of the mixture.

Note 2: Manufacturer/supplier should ensure the correctness of the information contained in the safety data sheets, and updated in a timely manner.

Note 3: As a result of product features without the existence of certain information or no data available (such as boiling point does not exist for the solid) in the table with "/" logo.