

Report No.: BLIFFBFS77281716

SDS Report

Sample Description

PU foam

Applicant

Fengjing(china)Building Materials Group
Corporation

Pony Testing International Group
www.ponytest.com

No.: BLIFFBFS77281716
Code: t93si7nv

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Safety Data Sheet (SDS)

According to Annex II of REACH (EC 1907/2006),
CLP(EC)No1272/2008

PU foam

Section 1 - Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier:

Sample Name: PU foam

Trade Name: N/A

Sample Code: N/A

Physical state: Metal tank with white foam

1.2 Relevant identified uses of the substance or mixture and uses advised against:

Relevant identified uses: Doors and windows sealed

Uses advised against: N/A

Reason why uses advised against: N/A

1.3 Details of the supplier of the safety data sheet:

Supplier: Fengjing(china)Building Materials Group Corporation

Street address: Madian Industrial Park, Jiaozhou, Qiaodao City, Shandong
Province, 266300, P.R.China.

Telephone number: +86 532-83225764

FAX: +86 532-83225767

E-mail address: panwenqiang2006@fengjinggroup.com

National contact: N/A

1.4 Emergency telephone number:

In case of an emergency, please contact: +86 532-83225764

Other comments: N/A

Section 2 - Hazards Identification

2.1 Classification of the substance or mixture:

2.1.1 Classification according to Regulation (EC) No 1272/2008 (CLP):

Aerosols: Category 1

2.1.2 Additional information: None.

2.2 Label elements:

pictogram(s):



Signal word: Danger

Hazard statement(s):

H222 Extremely flammable aerosol

H229 Pressurized container: may burst if heated.

Precautionary statement(s):

·Prevention:

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

No smoking.

P211 Do not spray on an open flame or other ignition source.

P251 Do not pierce or burn, even after use.

·Response:

None.

·Storage:

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

·Disposal:

None.

Supplemental Hazard information (EU): Not applicable.

2.3 Other hazards: The product does not meet the criteria for PBT and vPvB according to Regulation (EC) No 1907/2006, Annex XIII.

Section 3 – Composition/Information on Ingredients

General chemical description: The chemical product is a Mixture.

Composition, Information on Ingredient:

| Chemical Name | CAS No. | Percent (In % by weight) | EC# | Classification according to Regulation (EC) No 1278/2008 |
|---------------|---------|--------------------------|-----|--|
| | | | | |

| | | | | (CLP). |
|--|------------|----|-----------|---------------------------|
| Polyurethane prepolymer of MDI and polyether polyol | 68092-58-0 | 60 | N/A | N/A |
| Paraffin waxes and Hydrocarbon waxes, chloro | 63449-39-8 | 21 | 264-150-0 | N/A |
| Dimethyl ether | 115-10-6 | 10 | 204-065-8 | Press. Gas Flam. Gas 1 |
| Propane | 74-98-6 | 9 | 200-827-9 | Press. Gas Flam. Gas 1 |

Section 4 - First Aid Measures

4.1 Description of first aid measures

General notes: This product should not present a health hazard when used under reasonable conditions.

Following inhalation: If inhaled, remove victim to fresh air immediately.

Administer oxygen if breathing is difficult. If victim is not breathing, give artificial respiration immediately. Get medical aid immediately if feel unwell.

Following skin contact: In case of contact, remove contaminated clothing and shoes immediately and flush skin with plenty of water and soap for at least 15 minutes. Get medical aid immediately if symptoms occur.

Following eye contact: In case of contact with eyes, rinse immediately with plenty of water for at least 20 minutes, and lift the upper and lower eyelids occasionally. Check for and remove contact lenses if easily possible. DO NOT rub eyes with hand. Get medical aid immediately.

Following ingestion: Ingestion of this material is unlikely. Get medical aid immediately IF SWALLOWED.

Self-protection of first-aider: Use proper personal protective equipment as indicated in Section 8.

4.2 Most important symptoms and effects, both acute and delayed: See Section 11 for more information.

4.3 Indication of any immediate medical attention and special treatment needed: Treat symptomatically and supportively.

Section 5 - Fire Fighting Measures

5.1 Extinguishing media:

Suitable extinguishing media: Use extinguishing agent suitable for type of surrounding fire. Such as powder, water spray, foam, carbon dioxide and dry sand.

Unsuitable extinguishing media: None.

5.2 Special hazards arising from the substance or mixture: In case of a fire, may produce irritating fumes.

Hazardous combustion products: When heated to decomposition it emits acrid smoke and fumes.

5.3 Advice for firefighters: As in any fire, wear positive pressure self-contained breathing apparatus (MSHA/NIOSH). Keep unauthorized personnel away. Stay upwind. Keep out of low areas. Ventilate closed spaces before entering. Move containers from fire area if this can be done without risk. Damaged containers should be handled only by specialists.

Section 6 - Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures:

6.1.1 For non-emergency personnel:

Protective equipment: No action shall be taken involving any personal risk or without suitable training. Keep unnecessary and unprotected personnel from entering. Use proper personal protective equipment as indicated in Section 8.

Emergency procedures: Evacuate and ventilate spill area. Stop leak if safe to do so. Move containers from spill area. Isolate hazard area. Do not touch or walk through spilled material. Do not get water inside containers. Avoid breathing vapor and fume. Remove all sources of

ignition or heat. Review Section 5 and Section 7 sections before proceeding with clean-up.

6.1.2 For emergency responders: Avoid breathing vapors or gas. Keep adequate ventilation. Remove all sources of ignition or heat.

6.2 Environmental precautions: Avoid dispersal of spilled material and run off and contact with soil, waterways, drains and sewers.

6.3 Methods and material for containment and cleaning up:

6.3.1 For containment: Stop leak if this can be done without risk. Move containers from spill area.

6.3.2 For cleaning up: Carefully collect remainder, then remove to suitable and closed container for disposal or recycle according to local regulations. Review Section 5 and Section 7 sections before proceeding with clean-up.

6.3.3 Other information: Contaminated floor may be flushed with water into chemical sewer.

6.4 Reference to other sections: Use proper personal protective equipment as indicated in Section 8. And see Section 13 for disposal information.

Section 7 - Handling and storage

7.1 Precautions for safe handling:

Protective measures: Training should be provided to anyone working with or near this material. Training should cover potential health effects and proper handling techniques. Avoid contact with eyes, skin and clothing. Avoid ingestion and inhalation.

Measures to prevent fire: Ensure good local exhaust ventilation. Keep container away from any sources of ignition or heat (e.g. open flames, hot surfaces). The work area should be equipped with the corresponding species and quantity of emergency equipment, spills emergency treatment equipment and appropriate storage material.

Measures to prevent aerosol and dust generation: Ensure good local exhaust ventilation.

Measures to protect the environment: Do not allow this products to be released to the environment without proper treatment.

Advice on general occupational hygiene: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored

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and processed.

7.2 Conditions for safe storage, including any incompatibilities:

Technical measures and storage conditions: Store in a cool, dry, well-ventilated area away from incompatible substances (see section 10), feedstuffs, beverages and foods. Keep away from heat, sparks and flame. Treat carefully, avoid physical damage to containers. The storage area should be equipped with the corresponding species and quantity of emergency equipment, spills emergency treatment equipment and appropriate storage material.

Packing materials: N/A.

Requirements for storage rooms and vessels: Maintain clear aisles with adequate access to all storage areas and exits.

7.3 Specific end use(s):

Recommendations: Doors and windows sealed.

Industrial sector specific solutions: N/A

Section 8 - Exposure Controls, Personal Protection

8.1 Control parameters:

Exposure Limit:

| CAS# | ACGIH(mg/m ³) | NIOSH(mg/m ³) | OSHA(mg/m ³) |
|------------|---------------------------|-----------------------------------|--------------------------|
| 68092-58-0 | N/A | N/A | N/A |
| 63449-39-8 | N/A | N/A | N/A |
| 115-10-6 | N/A | N/A | N/A |
| 74-98-6 | N/A | REL-TWA 1,800 IDLH: 20,000 ppm | PEL-TWA 1,800 |

Information on monitoring procedures: No information found.

8.2 Exposure controls:

8.2.1 Appropriate engineering controls: Use adequate general or local exhaust ventilation. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Keep away from heat and fire.

8.2.2 Personal protection equipment:

8.2.2.1 Eye and face protection: No special requirement under normal conditions. It is recommended to wear appropriate safety spectacles

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when work environment needed.

8.2.2.2 Skin protection:

- Ø Hand protection: No special requirement under normal conditions. It is recommended to wear appropriate protective gloves.
- Ø Other skin protection: No special requirement under normal conditions. It is recommended to wear appropriate protective gloves.

8.2.2.3 Respiratory protection: An appropriate respirator or mask should be used whenever workplace conditions warrant a respirator's use.

8.2.2.4 Other protection: Practice good health habits. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Wash hands, forearms and face thoroughly after handling products, before eating, smoking and using the lavatory and at the end of the working period.

8.2.3 Environmental exposure controls: Do not allow this product to be released to the environment without proper treatment.

Section 9 - Physical and Chemical Properties

9.1 Information on basic physical and chemical properties:

Physical State: Metal tank with white foam.

Odour: Ejecta with irritating odor.

Odour threshold: N/A

pH: N/A

Melting point/freezing point: N/A

Boiling point or initial boiling point and boiling range: N/A

Flash Point: N/A

Explosive limits: N/A

Vapour pressure: N/A

Relative vapor density: N/A

Solubility in Water: N/A

Partition coefficient: n-octanol/water: N/A

Auto-ignition temperature: N/A

Decomposition temperature: N/A

Kinematic viscosity: N/A

Explosive properties: N/A

Oxidising properties: N/A

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Particle characteristics: N/A

Flammability (solid, gas): The preliminary screening test for foam test is conducted in accordance with the regulation (Recommendations on the transport of dangerous goods manual of tests and criteria), so the product does belong to extremely flammable aerosol.

9.2 Other information: N/A

Section 10 - Stability and Reactivity

10.1 Reactivity: Stable under normal storage and handling conditions.

10.2 Chemical stability: The product will explode and produce toxic or irritating gases under fire or high temperatures. Tank can corrosion and leak when exposed to acid or base.

10.3 Possibility of hazardous reactions: The product may explode under heated or in fire. The product decomposes on heating producing toxic and irritating fumes.

10.4 Conditions to avoid: Incompatible materials, any sources of ignition or heat (e.g. open flames, smoking, hot surfaces, excess heat).

10.5 Incompatible materials: Strong oxidizer, strong acids, etc.

10.6 Hazardous decomposition products: When heated to decomposition it emits acrid smoke and fumes.

Section 11 - Toxicological Information

11.1 Information on toxicological effects:

Acute toxicity:

| CAS No. | LD50/LC50 |
|------------|---|
| 68092-58-0 | No data available |
| 63449-39-8 | No data available |
| 115-10-6 | LC50 Rat inhalation 164,000 ppm for 4 hr |
| 74-98-6 | LC50 (2 hours): >55000ppm (Rat inhalation) LC50 (4 hour equivalent): >38890ppm(Rat inhalation) |

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Skin irritation/corrosion: No data available.

Serious eye damage/irritation: No data available.

Respiratory or skin sensitization: No data available.

Germ cell mutagenicity: No data available.

Repeated dose toxicity:

CAS#74-98-6:

- **NOAEC: 10 000 ppm (rat inhalation)**

Carcinogenicity:

All compositions are not listed as a carcinogens by ACGIH, IARC, NTP, or CA Prop 65.

Reproductive toxicity: No data available.

STOT-single exposure:

CAS#115-10-6:

- **In a rabbit inhalation test (45 minutes) and in a dog inhalation test (five minutes) performed at doses above guidance values, anaesthesia, reduced blood pressure, and increased heart rate were seen (DFGOT (vol. 1, 1991)), and in humans, effects on the nervous system, such as unconsciousness, visual defects, and analgesia.**

CAS#74-98-6:

- **An anesthetic action is indicated as effect on humans (ACGIH (7th, 2001)).**

STOT-repeated exposure: No data available.

Aspiration hazard: No data available.

Potential Health Effects:

Eye: In case of contact with eyes, may irritate eyes.

Skin: In case of contact with skin, may cause skin irritation.

Ingestion: Ingestion is unlikely under normal using or storing conditions.

If swallowed, may irritate esophagus and nervous system.

Inhalation: If inhaled, may irritate nervous system.

Section 12 - Ecological Information

12.1 Toxicity: No data available.

12.2 Persistence and degradability: No data available.

12.3 Bioaccumulative potential: No data available.

12.4 Mobility in soil: No data available.

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12.5 Results of PBT and vPvB assessment: No compositions in this product with known CAS numbers are assessed to be a PBT or a vPvB.

12.6 Other adverse effects:

Water Hazard Classes (WGK): No data available.

12.7 Additional information: Do not allow this product to be released to the environment without proper treatment.

Section 13 - Disposal Considerations

13.1 Waste treatment methods

13.1.1 Product/Packaging disposal: Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Disposal should be in accordance with applicable regional, national and local laws and regulations. Contaminated packaging material should be treated equivalent to residual chemical.

13.1.2 Waste treatment-relevant information: The generation of waste should be avoided or minimized wherever possible. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor.

13.1.3 Sewage disposal-relevant information: Avoid dispersal of spilled material and run off and contact with soil, waterways, drains and sewers.

13.1.4 Other disposal recommendations: Refer to Section 7 - Handling and Storage and Section 8 - Exposure Controls/Personal Protection for additional handling information and protection of employees.

Section 14 - Transport Information

Air transport (ICAO-IATA / DGR 58th)

UN Number: UN 1950

UN Proper Shipping Name: Aerosols, flammable

Transport hazard class: 2.1

Subsidiary risk: None

Packaging group: None

Packaging Sign:



Other Information: None

Special precautions for user: Away from high temperature, open fire.

Special provisions: A145, A167, A802

Cargo Only Packing Instructions: PI203

Cargo Only Maximum Qty / Pack: 150kg

Passenger and Cargo Packing Instructions: PI203

Passenger and Cargo Maximum Qty / Pack: 75kg

Passenger and Cargo Limited Quantity Packing Instructions: Y203

Passenger and Cargo Limited Maximum Qty / Pack: 30kg G

Marine Pollutant (Y/N): No.

Sea transport (IMDG CODE 37-14 edition)

UN Number: UN 1950

UN Proper Shipping Name: AEROSOLS

Transport hazard class: 2.1

Subsidiary risk: None

Packaging group: None

Packaging Sign:



Other Information: None

Special precautions for user: Away from high temperature, open fire.

Special provisions: 63, 190, 277, 327, 344, 959

Marine Pollutant (Y/N): No.

Land transport (TDG 19th)

UN Number: UN 1950

UN Proper Shipping Name: AEROSOLS

Transport hazard class: 2.1

Subsidiary risk: None

Packaging group: None

Packaging Sign:



Other Information: None

Special precautions for user: Away from high temperature, open fire.

Special provisions: 63, 190, 277, 327, 344

Marine Pollutant (Y/N): No.

Section 15 - Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

Regulatory information: Reference to the local, national, US, EU, CA and international regulations.

| CAS No. | TSCA | IECSC | EINECS/ ELINCS/NLP | DSL/NDSL |
|------------|--------|--------|-----------------------|---------------|
| 68092-58-0 | Listed | Listed | Unlisted | Listed in DSL |
| 63449-39-8 | Listed | Listed | Listed | Listed in DSL |
| 115-10-6 | Listed | Listed | Listed | Listed in DSL |
| 74-98-6 | Listed | Listed | Listed | Listed in DSL |

15.2 Chemical safety assessment: No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

Section 16 - Additional Information

Issue Time: 2017-04-05

Issue Department: Technical department

Data review unit: /

Modification record: /

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Other Information:

CAS: (Chemical Abstracts Service);

EC: (European Commission);

ACGIH: (American Conference of Governmental Industrial Hygienists);

NIOSH: (US National Institute for Occupational Safety and Health);

OSHA: (US Occupational Safety and Health);

TLV: (Threshold Limit Value)

TWA: (Time Weighted Average);

STEL: (Short Term Exposure Limit);

PEL: (Permissible Exposure Level);

REL: (Recommended Exposure Limit);

PC-STEL: (Permissible concentration-time weighted average);

PC-TWA: (Permissible concentration-short time exposure limit);

LC50: (Lethal concentration, 50 percent kill);

LD50: (Lethal dose, 50 percent kill);

IARC: (International Agency for Research on Cancer);

EC50: (Median effective concentration);

BCF: (Bioconcentration Factor);

BOD: (Biochemical oxygen demand);

NOEC: (No observed effect concentration);

NTP: (US National Toxicology Program);

RTECS: (Registry of Toxic Effects of Chemical Substances);

IATA: (International Air Transport Association);

IMDG: (International Maritime Dangerous Goods);

TDG: (Recommendations on the TRANSPORT OF DANGEROUS GOODS Model Regulations);

TOC: (Total Organic Carbon);

TSCA: (Toxic Substances Control Act of USA);

DSL: (the Domestic Substances List of Canada);

NDSL: (the Non-domestic Substances List of Canada)

***End of report ***