

Report No.: BLIFFBFS77280716

SDS Report

Sample Description

Silicone Sealant

Applicant

Fengjing(china)Building Materials Group
Corporation

Pony Testing International Group
www.ponytest.com

No.: BLIFFBFS77280716
Code: y260i412

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Safety Data Sheet (SDS)

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

Silicone Sealant

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

1.1 Product identifier:

Sample Name: Silicone Sealant

Trade Name: N/A

Sample Code: N/A

Physical state: White paste, irritating odor

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):

N/A

2.1.2 Classification according to Directive 67/548/EEC: N/A

2.1.3 Additional information: None.

2.2 Label elements:

Supplemental Hazard information (EU): Not applicable.

2.3 Other hazards: The product dose not meets 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).
Calcium carbonate	471-34-1	50	207-439-9	N/A
Dimethylpolysiloxane	63148-60-7	40	613-154-4	N/A
Dimethicone	9006-65-9	8	618-433-4	N/A
Carbon black	1333-86-4	2	215-609-9	N/A

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

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- 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 spilt 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 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)
471-34-1	N/A	REL-TWA 10 (total) REL-TWA 5 (resp)	PEL-TWA 15 (total) PEL-TWA 5 (resp)
63148-60-7	N/A	N/A	N/A

9006-65-9	N/A	N/A	N/A
1333-86-4	TLV-TWA 3.5	REL-TWA3.5 Ca TWA 0.1 mg PAHs/m ³ [Carbon black in presence of polycyclic aromatic hydrocarbons (PAHs)] IDLH-1750	PEL-TWA 3.5

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 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

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9.1 Information on basic physical and chemical properties:

Physical State: Paste.

Colour: White.

Odour: 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

Particle characteristics: N/A

Flammability (solid, gas): The preliminary screening test for readily combustible solids is conducted in accordance with the regulation (Recommendations on the transport of dangerous goods manual of tests and criteria), so the product belong to non-combustible solid.

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: Stable under normal storage and handling conditions.

10.3 Possibility of hazardous reactions: In case of a fire, may produce 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
471-34-1	LD50 Rat oral 6450 mg/kg
63148-60-7	No data available
9006-65-9	LD50 Rat dermal >2008 mg/kg
1333-86-4	LD50 Rat oral > 8000 mg/kg body weight

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#471-34-1:

- NOAEL: 1 000 mg/kg bw/day (actual dose received) (rat oral)

Carcinogenicity:

CAS# 1333-86-4:

- ACGIH: A4-Not classifiable as a human carcinogen.
- IARC: Group 2B-Possibly carcinogenic to humans.
- CA Prop 65: Carcinogen; initial date 2003-2-21.
- Not listed as carcinogens by NTP.

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

Reproductive toxicity: No data available.

STOT-single exposure: No data available.

STOT-repeated exposure:

CAS#1333-86-4:

- It can cause pneumoconosis on humans (DFGOT vol.18 (2002)) and in a rat inhalation test, the result shows it can influence on lungs (a epithelial hyperplasia, metaplasia, pulmonary fibrosis, and multiplication of alveolar cell etc.) (DFGOTvol.18 (2002)).

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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.

Inhalation: If inhaled, may irritate respiratory system.

Section 12 - Ecological Information

12.1 Toxicity:

CAS# 1333-86-4

- 72h-ErC50 > 10000 mg/L for algae (*Scenedesmus*) (SIDS, 2006)

12.2 Persistence and degradability: No data available.

12.3 Bioaccumulative potential: No data available.

12.4 Mobility in soil: No data available.

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: N/A

UN Proper Shipping Name: N/A

Transport hazard class: N/A

Subsidiary risk: N/A

Packaging group: N/A

Packaging Sign: N/A

Other Information: N/A

Special precautions for user: N/A

Marine Pollutant (Y/N): No

Sea transport (IMDG CODE 37-14 edition)

UN Number: N/A

UN Proper Shipping Name: N/A

Transport hazard class: N/A

Subsidiary risk: N/A

Packaging group: N/A

Packaging Sign: N/A

Other Information: N/A

Special precautions for user: N/A

Marine Pollutant (Y/N): No.

Land transport (TDG 19th)

UN Number: N/A

UN Proper Shipping Name: N/A

Transport hazard class: N/A

Subsidiary risk: N/A

Report ID: BLIFFBFS77280716

Page 11 of 12

Packaging group: N/A

Packaging Sign: N/A

Other Information: N/A

Special precautions for user: N/A

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
471-34-1	Listed	Listed	Listed	Listed in DSL
63148-60-7	Unlisted	Listed	Listed	Unlisted
9006-65-9	Listed	Listed	Listed	Listed in DSL
1333-86-4	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

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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

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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 ***