

MATERIAL SAFETY DATA SHEET

1. PRODUCT and COMPANY IDENTIFICATION

Generic Product Name	FOAMED GLASS MATERIAL	
Common name	DOLS® FOAMED GLASS MATERIAL	
MSDS No.	23118-NAM-EN	
Recommended Use	abrasive material	
Contact manufacturer	<u>Qinhuangdao Xinglan International Trading Co.,Ltd.</u> LESHAN ROAD 19#,QINHUANGDAO ECONOMIC AND TECHNOLOGYDEVELOPMENT DISTRICT ,HEBEI, CHINA TEL86-335-609-5000	
Emergency telephone number	Emergencies Only (after 5 pm AND weekends)	
CHEMTREC (24 hours everyday)		86-335-609-5000
Health and Technical contacts (8am-5pm ET):		86-335-609-5000
Technical Product Information (8am-5pm ET):		82-70-7571-8921

2. HAZARD IDENTIFICATION

	Emergency Overview	
	Exposure to dust may be irritating to eyes, nose and throat.	
Appearance: Gray	Physical State: Fibrous	Odor: Odorless

Potential Health Effects

Principle Routes of Exposure

Eye
 Skin Contact
 Inhalation

Acute Effects

- Eyes May cause slight irritation
- Skin May cause slight skin irritation
- Inhalation May cause irritation of respiratory tract
- Ingestion Ingestion of material is unlikely

Chronic Effects

There is no known chronic health effect connected with long-term use or contact with these products

Aggravated Medical Conditions

Chronic respiratory or skin conditions may temporarily worsen from exposure to this product

Carcinogenic Status

This product contains a component which is listed by IARC, OSHA or NTP. See Section 11

OSHA Regulatory Status

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Potential Environmental Effects

There is no known ecological information for this product

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Component	Percent by Wt.
65997-17-3	Foam Glass	90-100
7440-44-0	Carbon	0-5

Non-Hazardous Statement

The remaining components of this product are non-hazardous or are in small enough quantities as to not meet regulatory thresholds for disclosure. These components contain no substances or impurities which would influence the classification of this product.

4. FIRST AID MEASURES

Eye contact

- Rinse immediately with plenty of water, also under the eyelids, for at least 15 Minutes
- Do not rub or scratch eyes
- If eye irritation persists, consult a specialist Skin contact

Skin contact

- Wash off immediately with soap and cold water.
- DO NOT use warm water because this will open up the pores of the skin, which will cause further penetration of the fibers.
- DO NOT rub or scratch affected areas.
- Use a wash cloth to help remove fibers or apply and remove with adhesive tape so that the fibers adhere to the tape and are lifted away from skin.
- Remove exposed clothing.
- If skin irritation persists, call a physician
- Never use compressed air to remove fibers from skin

Ingestion

- Accidental ingestion of this material is unlikely
- If this does occur, watch person for several days to make sure intestinal blockage does not occur
- Rinse mouth with water to remove fibers from the throat
- If symptoms persist, call a physician

Inhalation

- Move to fresh air
- If symptoms persist, call a physician

5. FIRE-FIGHTING MEASURES

Flammability/Combustibility Properties Non-flammable

Suitable extinguishing media

- dry chemical
- foam
- carbon dioxide (CO2)
- water fog

Unsuitable Extinguishing Media None

Hazardous Combustion Products

- Carbon Monoxide
- Carbon Dioxide (CO2)
- Other undetermined compounds could be released in small quantities

Explosion Data

- Sensitivity to Mechanical Impact Not available
- Sensitivity to Static Discharge Not available

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Special Hazards Arising from the Chemical

No unusual fire and explosion hazards from this product are expected

Protective Equipment and Precautions for Firefighters

Wear self-contained breathing apparatus (SCBA) and full fire fighting protective gear

NFPA Health 2 Flammability 0 Reactivity 0 Special Instructions: none

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

- Ensure adequate ventilation
- Keep unnecessary personnel out of area

Methods for Containment

- Material will settle out of air
- Material will sink and disperse along the bottom of waterways and ponds.
- Prevent from spreading by covering or other means

Methods for Clean-up

- Use an industrial vacuum cleaner with a high efficiency filter to clean up dust and fiber contamination
- Avoid dry sweeping
- After cleaning, flush away traces with water
- Pick up and transfer to properly labeled containers

7. HANDLING AND STORAGE

Handling

- Avoid buildup of dust
- Do not breathe dust
- Wear personal protective equipment
- Wash thoroughly after handling, especially prior to eating or smoking

Storage

- Keep product in its packaging until use
- Material should be kept dry and undercover

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls

- Provide local exhaust and/or general ventilation to maintain exposure below regulatory and recommended limits.
- Dust collection system must be used in transferring operations, cutting or machining or other dust generating process.
- Vacuum or wet clean-up methods should be used

Personal protective equipment

Respiratory protection

- When workers are facing concentrations above the exposure limit they must use an appropriate and properly fitted certified respirators such as 3M model 8210 (3M model 8271 in high humidity environments)

Eye/face Protection

- Safety glasses with side-shields
- Goggles

Skin Protection

- Protective gloves
- Long sleeved shirt and long pants

General Hygiene Considerations

- Wash hands before breaks and immediately after handling the product
- Avoid contact with skin, eyes and clothing
- Avoid getting dust into boots and gloves through wrist bands and pant tucks
- Remove and wash exposed clothing before re-use

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Gray
Odor	Odorless
Physical State	Fibrous

pH	Does not apply
Flash point	Does not apply
Autoignition temperature	Does not apply
Boiling Point	Does not apply
Melting point/range	Does not apply
Flammability Limits in Air	lower / upper /
Explosive properties	Does not apply
Oxidizing properties	Does not apply
Vapor Pressure	Does not apply
Specific Gravity	Does not apply
Water solubility	Insoluble
VOC content	Not available

10. STABILITY AND REACTIVITY

Chemical Stability	Stable
Conditions to avoid	None under normal use
Incompatible Materials	None under normal use
Hazardous decomposition products	None under normal use
Possibility of Hazardous Reactions	Hazardous polymerization does not occur

11. TOXICOLOGICAL INFORMATION

Acute toxicity

General Product Information

Dusts may cause mechanical irritation to eyes and skin. Ingestion may cause transient irritation of throat, stomach and gastrointestinal tract. Inhalation may cause coughing, nose and throat irritation, and sneezing. Higher exposures may cause difficulty breathing, congestion and chest tightness.

Component Analysis

	ACGIH	IARC	OSHA	NTP	Mexico
Foam Glass 65997-17-3	A3 animal carcinogen	Group 3 not classifiable	X	Reasonably Anticipated	A3 animal carcinogen

Allergy	No information available
Neurological Effects	No information available
Mutagenic Effects	No information available
Reproductive Effects	No information available
Developmental Effects	No information available
Target Organ Effects	No information available

12. ECOLOGICAL INFORMATION

Ecotoxicity: This material is not expected to cause harm to animals, plants or fish

Chemical Fate

Persistence/Degradability	Not available
Bioaccumulation/Accumulation	Not available
Mobility in Environmental Media	Not available

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method	Dispose of in accordance with Local, State, Federal and Provincial regulations.
Contaminated packaging	Empty containers should be taken for local recycling, recovery or waste disposal.
US EPA Waste Number	No EPA Waste Numbers are applicable for this product's components.
RCRA	This material is not expected to be a characteristic hazardous waste under RCRA

14. TRANSPORT INFORMATION

DOT	not regulated
TDG	not regulated
IMDG/IMO	not regulated
RID	not regulated
ADR	not regulated
ICAO	not regulated
IATA	not regulated
MEX	not regulated

15. OTHER INFORMATION

Preparation Date:	16-December-2023
Revision Summary	<u>Qinhuangdao Xinglan International Trading Co.,Ltd.</u>

Disclaimer

Reasonable care has been taken in the preparation of this information, but the manufacturer makes no warranty of merchantability or any other warranty, expressed or implied, with respect to this information. The manufacturer makes no representations and assumes no liability for any direct, incidental or consequential damages resulting from its use

End of Safety Data Sheet