

1. SAFETY DATA SHEET

No.: 017

Date of Preparation: 09/17/2013

1. PRODUCT INFORMATION AND MANUFACTURERS

Trade Name:	BAUGRAN
Material use	BAUGRAN is used as a filler in the manufacture of heat-resistant and lightweight concrete, dry mixes and easy solutions, as backfill for the thermal insulation of civil and industrial structures, thermal furnaces and technological equipment.
Manufacturer: Address	TIGI KRAMER, LLC The New Arbat Street, 21th Moscow
Phone	+7(495)796-34-23 +7(495)646-06-00

2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient Name	%
Natural diatomaceous earth (DE), calcined	30
Quartz sand (CP)	70
This product may contain up to 1 % crystalline silica:	
Crystalline silica, Cristobalite	<1
Crystalline silica, Quartz	<1

3. HAZARD IDENTIFICATION

This product consists of calcined diatomaceous earth and small quantities of crystalline silica (1%). Prolonged breathing of dust containing crystalline silica may cause lung damage. Avoid breathing dust.

4. FIRST AID MEASURES

Inhalation: Remove to fresh air.

Ingestion: Short-term exposure not considered harmful. Drink water to reduce bulk and drying effects.

Eyes: Wash with generous quantities of water. Consult physician if irritation persists.

Skin: None necessary. If dryness occurs, use moisture renewing lotions

5. FIRE FIGHTING MEASURES

Flammable Class	This material is not flammable
Flashpoint and Method	Not applicable, the material is not flammable
Flammable Limits	Not applicable, the material is not flammable
Autoignition Temperature	Not applicable, the material is not flammable
Extinguishing Media	Not applicable, the material is not flammable
Hazardous Combustion Products	Not applicable, the material is not flammable
Fire Fighting Procedures/ Equipment	Not applicable, the material is not flammable

6. ADDITIONAL SECURITY MEASURES

Product is not hazardous for human. Product handling does not cause undesirable consequences. Product is not explosive.

7. HANDLING & STORAGE

Handling	Avoid contact with eyes. Avoid breathing dust. Repair or dispose of broken bags.
Storage	Хранить в сухом помещении вдали от источников тепла, которые могут повредить упаковку.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Ventilation	Control dust within recommended
Respiratory	Dust mask is recommended
Skin	No special equipment is needed
Eyes & face	Dust mask and goggles are recommended
General hygiene	Avoid breathing dust. Avoid contact with eyes. Wash hands after handling and before eating or drinking.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance, color	Beige powder	ph (8% slurry)	7,2
Odor	Odorless	Melting point	700-800 °C
Physical state	Solid	Flash point	Not applicable
Bulk density Boiling point	450 kg/m ³ Not applicable	Flammability	Not applicable

10. STABILITY AND REACTIVITY

Chemical stability	Material is stable
Physical hazards	Material is not reactive
Incompatible materials	Hydrofluoric acid
Conditions to avoid	Not applicable

11. TOXICOLOGICAL INFORMATION

Product is nontoxic and radiation safe.

12. ECOLOGICAL INFORMATION

Generally considered chemically inert in the environment and ecologically safe.

13. DISPOSAL CONSIDERATIONS

If this material as supplied becomes a waste, use solid waste disposal common to landfill type operations or in slurry to sumps. Avoid creating dust.

14. TRANSPORTATION INFORMATION

Material can be transported by air, water or ground transport.

15. REGULATORY INFORMATION

Customs Commodity Code	2512 00 000 0
Technical data	5712-001-14285213-2014

16. OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship

Подготовлено: TIGI KRAMER, LLC

Laboratory