

Flash Point, °C: Not Applicable

Most Important Hazards: Nuisance dust may cause unpleasant deposits in the nasal passages.

Potential Health Effects:

Inhalation:

Nuisance dust. Prolonged or excessive exposure may cause irritation of the respiratory tract. May result in coughing and difficulty breathing.

Due to the large particle size this material is unlikely to be deposited in the lungs, and thus poses no risk to pulmonary function. However, if the product is milled or crushed into smaller particles, inhalation may cause pulmonary problems.

Ingestion:

No adverse health effects are expected from swallowing.

Skin Contact:

May cause mechanical irritation.

Eye Contact:

May cause mechanical irritation.

Carcinogenicity:

Ingredient CAS Number	Weight in Percent (%)	NTP (Y/N)	IARC (See Notes)	OSHA (Y/N)	ACGIH (See Notes)
Calcium Sodium Borosilicate 65997-17-3	90.0 - 95.0	N	N	N	N
Iron Oxide - Fe ₂ O ₃ 1309-37-1	5.0 - 9.0	N	N	N	A4
Tin Oxide 18282-10-5	0.0 - 1.0	N	N	N	N

Notes:
IARC: Y1=Carcinogenic to humans; Y2A=Probably carcinogenic to humans; Y2B=Possibly carcinogenic to humans; N3=Not classifiable as to its carcinogenicity; N=Not studied or probably not carcinogenic.
ACGIH: A1=Confirmed human carcinogen; A2=Suspected human carcinogen; A3=Confirmed animal carcinogen; A4=Not classifiable as a human carcinogen; A5=Not suspected as a human carcinogen; N=Not studied.

Chronic Health Hazards: None known

Aggravated Medical Conditions: Pulmonary disorders. Allergies.

4. FIRST AID MEASURES

Inhalation:

Move person to fresh air. Aid in breathing, if necessary, and get immediate medical attention.

Ingestion:

Not a hazard under normal use conditions. If large quantities are ingested, seek medical advice.

Skin Contact:

Wash with soap and water. Get medical attention if irritation persists.

Eye Contact:

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

5. FIRE FIGHTING MEASURES

Flash Point, °C: Not Applicable
Autoignition Temperature, °C: Not Applicable

Lower Explosive Limit, %:	Not Applicable
Upper Explosive Limit, %:	Not Applicable
Extinguishing Media:	None - does not burn. Use extinguishing media appropriate for surrounding fire. Water. Foam. Carbon dioxide. Dry chemical.
Fire Fighting Procedures:	Positive pressure, self-contained breathing apparatus.
Unusual Fire and Explosion Hazards:	Not a fire or explosion hazard.

6. ACCIDENTAL RELEASE MEASURES

Spill Procedures: Scoop up or vacuum into a container for reclamation or disposal.

7. HANDLING AND STORAGE

- Store in cool dry place.
- Material may be slippery when wet.
- Avoid breathing dust.
- Wash thoroughly after handling.
- Avoid contact with eyes.
- Use only with adequate ventilation.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredient CAS Number	Weight in Percent (%)	OSHA PEL	ACGIH TLV
Calcium Sodium Borosilicate 65997-17-3	90.0 - 95.0	5 mg/m ³ (Respirable fraction) 15 mg/m ³ (Total dust)	3 mg/m ³ (Respirable fraction) 10 mg/m ³ (Inhalable fraction)
Iron Oxide - Fe ₂ O ₃ 1309-37-1	5.0 - 9.0	10 mg/m ³ (as Fe, total particulate)	5 mg/m ³ (Respirable fraction)
Tin Oxide 18282-10-5	0.0 - 1.0	2 mg/m ³ (as Sn)	2 mg/m ³ (as Sn)

Unless otherwise noted, all values are reported as 8-hour Time-Weighted Averages (TWAs) and total dust (particulates only). All ACGIH TLVs refer to the 2006 standards. Unless otherwise noted, all OSHA PELs refer to 29 CFR Part 1910 Air Contaminants: Final Rule, June 30, 1993.

Personal Protective Equipment: Safety glasses with side shields.

Respiratory Protection: Use a NIOSH/MSHA approved respirator as necessary to protect from: dust. If respiratory protection is used, follow all requirements for respiratory programs set forth in OSHA regulations (29 CFR 1910.134).

Ventilation: General ventilation. Local exhaust ventilation is recommended to control exposures to within applicable limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

