

# SAFETY DATA SHEETS

**This SDS packet was issued with item:**

074010625

N/A

## MATERIAL SAFETY DATA SHEET

### SECTION 1 - PRODUCT IDENTIFICATION

**Product identifier:** Jet Brite  
**Product code:** 50267848  
**Product use:** Dental

**Supplier's name and address:**  
 HERAEUS KULZER, LLC  
 300 Heraeus Way  
 South Bend, IN  
 46614  
 Phone #: 1-800-431-1785

**Manufacturer's name and address:**  
 HERAEUS KULZER, LLC  
 300 Heraeus Way  
 South Bend, IN  
 46614  
 Phone #: 1-800-431-1785

**Emergency Telephone:** In the event of chemical emergency involving a spill, leak, fire, exposure, or accident involving chemicals call CHEMTREC (24 hours) (800) 424-9300 (202) 483-7616

### SECTION 2 - CHEMICAL COMPOSITION/HAZARDOUS INGREDIENTS

Materials	CAS #	% Weight	Hazard data
Soda-Lime Glass	65997-17-3	100	Particulates not otherwise regulated- <u>Total Dust</u> : OSHA Transitional limits: TWA=15.0mg/m <sup>3</sup> . OSHA Final limits: TWA=15.0mg/m <sup>3</sup> . <u>Respirable Fraction</u> : OSHA Transitional limits:TWA=5.0mg/m <sup>3</sup> . OSHA Final limits: TWA= 5.0mg/m <sup>3</sup> .ACGIH TLV:TWA=10.0mg/m <sup>3</sup>

### SECTION 3 - HAZARDS IDENTIFICATION

\*\*\*POTENTIAL HEALTH EFFECTS\*\*\*

**Target organs:** Eye, Skin. Lungs

**Signs and symptoms of short-term (acute) exposure:**

*Inhalation:* NA  
*Skin contact:* NA  
*Eye contact:* NA  
*Ingestion:* NA

**Effects of long-term (chronic) exposure:** NA

**Other important hazards:** Clear, odorless, granular solid. Dust can cause eye, skin and respiratory irritation. Not combustible. Mechanical abrasion may cause skin and eye irritation. Dust may cause respiratory tract irritation. Prolonged inhalation of dust may cause lung injury, pneumoconiosis.

#### SECTION 4 - FIRST AID MEASURES

**Inhalation:** If inhaled, remove from area to fresh air. If not breathing, clear airway and start mouth-to-mouth artificial respiration or use a bag-mask respirator. Get immediate medical attention. If victim is having trouble breathing, transport to medical care and, if available, give supplemental oxygen.

**Skin contact:** For skin contact, wash affected areas with plenty of water, and soap if available, for several minutes. Seek medical attention if irritation develops or persists

**Eye contact:** For eye contact, rinse eyes with water. Remove any contact lenses, and continue flushing with plenty of water for several minutes. Seek medical attention if irritation develops or persists

**Ingestion:** NA

#### SECTION 5 - FIRE FIGHTING MEASURES

**Fire hazards/conditions of flammability:**

**Flash point (Method):**

**Lower flammable limit (% by volume):**

**Upper flammable limit (% by volume):**

**Explosion data:**

*Sensitivity to mechanical impact:*

*Sensitivity to static discharge:*

**Oxidizing properties:**

**Auto-ignition temperature:**

**Suitable extinguishing media:**

**Special fire-fighting procedures/equipment:**

**Hazardous combustion products:**

**NO DATA AVAILABLE**

#### SECTION 6 - ACCIDENTAL RELEASE MEASURES

**Personal precautions:** NA

**Environmental precautions:** NA

**Spill response/Cleanup:** Sweep or scoop up and remove; Vacuum; Avoid creating dust; Slippery when spilled on walk surfaces

**Prohibited materials:** NA

#### SECTION 7 - HANDLING AND STORAGE

**Safe handling procedures:**

1. Use with adequate ventilation
2. Wash thoroughly after handling
3. Keep container closed
4. Avoid contact with eyes, skin, and clothing
5. Avoid breathing dust, vapor, mist, gas
6. Avoid creating dust

**Storage requirements:** NA

**Incompatible materials:** NA

**Special packaging materials:** NA

**SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION****Ventilation and engineering controls:**

1. General ventilation
2. Dust collection
3. Closed blasting cabinets

**Respiratory protection:** Filter dust, fume, mist**Protective gloves:** Any impervious type gloves**Eye protection:** Goggles**Other protective equipment:** NA**Permissible exposure levels:** NA**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES****Physical form, color and odor:** Clear, granular solid - odorless**Odor threshold:** NA**pH:** NA**Boiling point:** NA**Melting/freezing point:** 730 °C**Vapor pressure:** NA**Solubility in water:** Insoluble**Coefficient of oil/water distribution:** NA**Specific gravity or relative density (water =1):** 2.48 @ 20/20 °C**Vapor density:** NA**Volatile organic compounds (VOC's):** NA**Evaporation rate:** NA**SECTION 10 - REACTIVITY AND STABILITY DATA****Stability and reactivity:** Stable**Conditions to avoid:** NA**Materials to avoid:** Inert, except can be attacked by hydrofluoric acid**Hazardous decomposition products:** NA**SECTION 11 - TOXICOLOGICAL INFORMATION****LD<sub>50</sub>:****LC<sub>50</sub>:****Routes of exposure:****Toxicological data:****Carcinogenicity:****Teratogenicity, mutagenicity, other reproductive effects:****NO DATA AVAILABLE****Sensitization to material:****Conditions aggravated by exposure:****Synergistic materials:****SECTION 12 - ECOLOGICAL INFORMATION****Environmental effects:****Important environmental characteristics:****NO DATA AVAILABLE****Aquatic toxicity:**

**SECTION 13 - WASTE DISPOSAL**

**Handling for disposal:** Product is not regulated under Federal RCRA regulations. Small amounts may be containerized (plastic bag) and disposed of in trash

**Methods of disposal:** NA

**SECTION 14 - TRANSPORTATION INFORMATION**

**Transportation of Dangerous Goods (TDG) information:** Not regulated for transport

*Shipping description:* NA

**49 CFR information:** Not regulated for transport

*Shipping description:* NA

**International Dangerous Goods information:**

*IMO:* Not a Marine Pollutant

*ICAO:* Not regulated for transport

**Other information:** None

**SECTION 15 - REGULATORY INFORMATION**

**WHMIS information:** This product has been classified in accordance with the hazard criteria of the controlled Products Regulations (CPR), and this MSDS contains all information required by CPR.

**WHMIS classification:** D2B

**CEPA information:** This product is not hazardous to the environment.

**TSCA information:** All ingredients are listed in TSCA

**SARA Title III:** This product does not contain a reportable SARA Title III, Section 313 Chemical

**SECTION 16 - OTHER INFORMATION**

**Other information:** NA

**Prepared by:** NA

**Telephone number:** 800-431-1785

**Preparation date:** May 5, 1995

**Revision date:** June 2, 2009

**Additional notes or references:**

Abbreviations:

ACGIH:	American Conference of Governmental Industrial Hygienists
IARC:	International Agency for Research on Cancer
n/ap:	Not applicable
NA:	Not available
NIOSH:	National Institute for Occupational Safety and Health
WHMIS:	Workplace Hazardous Materials Information System

References: