

DATE PREPARED 04/17/2001 DATE REVISED fcmaster

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME GLASS BATCH - Agglomerated - all variations cc01-720  
 PRODUCT CODE n/a  
 CHEMICAL FAMILY n/a  
 CHEMICAL NAME Glass, soda-lime type  
 FORMULA various

MANUFACTURER NAME Spruce Pine Batch Co.  
 ADDRESS Highway 19 E, PO Box 159  
 CITY, STATE, ZIP Spruce Pine NC 28777 USA  
 CONTACT PERSON: Tom Littleton  
 TITLE President  
 INFORMATION TEL: 1-828-765-9876  
 In case of emergency: Contact local poison control center-material is listed with PoisIndex.  
 CHEMTREC TEL: n/a

SECTION 2. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredient Listing	CAS No.	OSHA PEL	ACGIH TLV	STEL	% COMP
Silica (quartz)	14808-60-7	10 mg/m3	0.05 mg/m3	n/l	<60
Soda Ash	497-19-8	n/l	n/l	n/l	<30
Limestone	1317-65-3	15 mg/m3	10 mg/m3	n/l	<20
Calcium hydroxide	1305-62-0	5.0mg/m3	5.0mg/m3	n/l	<20
Feldspar	68476-25-5	10mg/m3	10mg/m3	n/l	<15
Barium Carbonate	513-77-9	0.74mg/m3	0.74mg/m3	n/l	<15
Dolomite	16389-88-1	n/l	n/l	n/l	<15
Potash	584-0-7	n/l	n/l	n/l	<10
Borax	1303-96-4	n/l	n/l	n/l	<10
Cryolite	15096-52-3	n/l	n/l	n/l	<10
Potassium Nitrate	7757-79-1	n/l	n/l	n/l	<10
Boric Acid	10043-35-3	n/l	n/l	n/l	<10
Fluorspar	7789-75-5	2.5mg/m3	2.5mg/m3	n/l	<10
Sodium Sulphate	7767-82-6	n/l	n/l	n/l	<10
Sodium Nitrate	7631-99-4	n/l	n/l	n/l	<10
Lithium Carbonate	554-13-2	n/l	n/l	n/l	<05
Zinc Oxide	1314-13-2	5mg/m3	5mg/m3	10mg/m3	<05
Antimony Oxide	1309-64-4	0.5mg/m3	0.5mg/m3	n/l	<01

Dust hazards are significantly reduced by agglomerating the batches. Note: Every ingredient is not in every formula variation or color.

SECTION 3 HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

WARNING! HARMFUL IF INHALED. OVEREXPOSURE MAY CAUSE LUNG DAMAGE. MAY CAUSE EYE AND SKIN BURNS OR IRRITATION. INHALATION CANCER HAZARD. Contains crystalline silica (quartz) which can cause cancer.

PHYSICAL DESCRIPTION: Agglomerated glass mixtures. Powder and/or dust.

MAJOR HEALTH HAZARD            Silicosis caused by inhalation; cancer hazard.

PHYSICAL HAZARD                May cause eye and skin irritation.

ROUTES OF ENTRY:                INHALATION yes    SKIN no    EYE no    INGESTION no

POTENTIAL HEALTH EFFECTS    Acute and chronic effects.

INHALATION:

    SHORT TERM EXPOSURE        Acute pneumoconiosis when overwhelming exposure to silica dust has occurred. Coughing and irritation of throat are early symptoms.

    LONG TERM EXPOSURE         Inhalation of quartz is classified as a human carcinogen. Chronic exposure can cause silicosis a form of lung scarring that can cause shortness of breath, reduced lung function, and death in severe cases.

SKIN CONTACT:

    SHORT TERM EXPOSURE        May be corrosive and cause burns and blistering. May cause skin irritation upon contact; may be aggravated on wet skin.

    LONG TERM EXPOSURE         May lead to dermatitis.

EYE CONTACT:

    SHORT TERM EXPOSURE        Dust may be corrosive. Dust may cause eye irritation, redness and pain.

    LONG TERM EXPOSURE         Unknown

INGESTION:

    SHORT TERM EXPOSURE        No adverse health effects expected.

    LONG TERM EXPOSURE         None expected.

CARCINOGEN STATUS:

    NTP        listed (crystalline silica)

    IARC       listed (crystalline silica)

    OSHA       not listed (crystalline silica)

## MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

May increase progression of tuberculosis. Persons with impaired respiratory function may be more susceptible to the effects of this substance. Smoking can increase risk of lung injury.

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SECTION 4        FIRST AID MEASURES

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EYES:            Immediately flush eyes with plenty of water for at least 15 minutes holding lids apart to ensure flushing of entire eye surface. Get medical advice if irritation develops.

SKIN:            Wash contaminated areas with plenty of soap and water. Remove contaminated clothing, and wash before re-use. Call a physician if irritation develops and persists.

**INHALATION:** Remove to fresh air. If breathing is difficult, administer oxygen as available. Seek medical attention.

**INGESTION:** Seek medical attention. Do not induce vomiting unless instructed to do so by a physician, or other knowledgeable authority.

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**SECTION 5 FIRE FIGHTING MEASURES**

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**FLASH POINT:** n/a

**FIRE AND EXPLOSION HAZARDS:** Not considered to be a fire hazard.

**EXTINGUISHING MEDIA:** Use any means suitable for extinguishing surrounding fire.

**SPECIAL FIRE FIGHTING PROCEDURES:** Wear full protective clothing and NIOSH approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.

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**SECTION 6 ACCIDENTAL RELEASE MEASURES**

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**SPILL OR LEAK PROCEDURES:** Collect excess material. Add water to avoid dust dispersal. Ventilate area. Wear appropriate personal protective equipment as specified in Section 8. Sweep up carefully, avoiding dust, and containerize for reclamation or disposal.

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**SECTION 7 HANDLING AND STORAGE**

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**STORAGE TEMPERATURE**

(min/max) Cool temperature  
**SHELF LIFE:** No limit

**SPECIAL SENSITIVITY:** None known

**HANDLING AND STORAGE:** Keep containers closed. Store in dry ventilated area. Wash thoroughly after handling.

**PRECAUTIONS:** KEEP OUT OF THE REACH OF CHILDREN! Do not breathe dust. Use only with adequate ventilation. Avoid contact with eyes, skin, and clothing. Use dustless systems for handling, storage, and clean up so that dust does not exceed the PEL. Practice good housekeeping. Do not allow dust to collect on surfaces. Containers of this material may be hazardous when empty since they retain product residues; observe all warnings and precautions. Maintain, clean, and test respirators in accordance with OSHA regs.

