



800-234-1982

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: **Salem Carbosil™**

LATEST REVISION: 06-26-08

PREPARED BY: RWC

SECTION I - PRODUCT IDENTIFICATION

CHEMICAL NAME AND SYNONYMS: Black Silicon Carbide Grains and Powders

CHEMICAL FAMILY: Silicon Carbide

FORMULA: Virtually 100% Pure Silicon Carbide

SECTION II - HAZARDOUS COMPONENTS

INGREDIENT	PERCENT	CAS No.	OSHA PEL	ACGIH TLV
Silicon Carbide	>98%	409-21-2	10 mg/m ³	10 mg/m ³

INGREDIENTS NOT PRECISELY IDENTIFIED ARE PROPRIETARY OR NON-HAZARDOUS. ALL INGREDIENTS APPEAR ON THE EPA TSCA INVENTORY. VALUES ARE NOT PRODUCT SPECIFICATIONS.

SECTION III - PHYSICAL DATA

INITIAL BOILING POINT (C): N/A

SPECIFIC GRAVITY: 3.2

VAPOR PRESSURE: N/A

% VOLATILE BY VOLUME: None

VAPOR DENSITY (AIR=1): 1

EVAPORATION RATE: N/A

SOLUBILITY IN WATER: None

APPEARANCE AND ODOR: Black, sharp edged, glittery grain or dark gray powder

SECTION IV - FIRE AND EXPLOSION DATA

FLASH POINT: Open cup: N/A

EXPLOSIVE LIMIT: Non-combustible, does not pose fire or explosion hazard.

EXTINGUISHING MEDIA: As appropriate for surrounding fire.

HAZARDOUS DECOMPOSITION PRODUCTS: None

SPECIAL FIREFIGHTING PROCEDURES: Use self contained breathing apparatus to avoid possible fumes.

SECTION V - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE:

BREATHING: May cause upper respiratory irritation and shortness of breath.

EYES: Contact with eyes may cause irritation, burning, tearing, and redness.

SKIN: Contact with broken skin may be severely irritating.

SWALLOWING: Will cause irritation of gastric tract.

SECTION V - HEALTH HAZARD DATA (CONTINUED)

FIRST AID:

IF ON SKIN: Wash affected area with soap and large amounts of water.
IF IN EYES: Flush with plenty of water. Consult a physician if irritation persists.
IF SWALLOWED: Allow affected person to vomit naturally. Get medical attention promptly.
IF BREATHED: Remove victim to fresh air and get medical attention of throat irritation persists.

SECTION VI - REACTIVITY DATA

HAZARDOUS POLYMERIZATION: Will not occur.
CONDITIONS TO AVOID: None known.
STABILITY: Stable.
INCOMPATIBILITY: None known.

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Spill should be covered with absorbent material, and swept up as soon as possible and placed in a dry container. Wash spill area with large amounts of water. Dispose of in landfill in accordance with federal, state, and local regulations.

SECTION VIII - PROTECTIVE EQUIPMENT TO BE USED

RESPIRATORY PROTECTION: If airborne concentrations exceed exposure limits, wear respirator
In accordance with 29CFR1910.1000.

VENTILATION: Provide enough ventilation to minimize any vapor inhalation.

PROTECTIVE GLOVES: Rubber gloves, if needed to avoid prolonged contact.

EYE PROTECTION: Safety goggles, or glasses with side shields.

OTHER PROTECTIVE EQUIPMENT: None.

HANDLING PRECAUTIONS: Store tightly closed in a cool, dry place.. -----

SECTION IX - TRANSPORTATION INFORMATION

TRANSPORTATION INCIDENT INFORMATION: FOR FURTHER INFORMATION RELATIVE TO SPILLS RESULTING FROM TRANSPORTATION INCIDENTS, REFER TO LATEST DEPARTMENT OF TRANSPORTATION EMERGENCY RESPONSE GUIDEBOOK FOR HAZARDOUS MATERIALS INCIDENTS, DOT P 5800.3.

DOT IDENTIFICATION NUMBER: Not Regulated. Packing Group III.

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