



800-234-1982

## MATERIAL SAFETY DATA SHEET

PRODUCT NAME: **Salem Carbosil™**

LATEST REVISION: 06-26-08

PREPARED BY: RWC

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### SECTION I - PRODUCT IDENTIFICATION

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CHEMICAL NAME AND SYNONYMS: Black Silicon Carbide Grains and Powders

CHEMICAL FAMILY: Silicon Carbide

FORMULA: Virtually 100% Pure Silicon Carbide

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### SECTION II - HAZARDOUS COMPONENTS

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

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

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### SECTION III - PHYSICAL DATA

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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

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### SECTION IV - FIRE AND EXPLOSION DATA

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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.

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### SECTION V - HEALTH HAZARD DATA

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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.

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SECTION V - HEALTH HAZARD DATA (CONTINUED)  
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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.

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SECTION VI - REACTIVITY DATA  
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HAZARDOUS POLYMERIZATION: Will not occur.  
CONDITIONS TO AVOID: None known.  
STABILITY: Stable.  
INCOMPATIBILITY: None known.

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SECTION VII - SPILL OR LEAK PROCEDURES  
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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.

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SECTION VIII - PROTECTIVE EQUIPMENT TO BE USED  
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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.. -----

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SECTION IX - TRANSPORTATION INFORMATION  
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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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