

MATERIAL SAFETY DATA SHEET (MSDS)

DURUS INTERNATIONAL CORPORATION
PRODUCT: DURUS® Asphalt Crack Filler
MSDS Date: October 2, 2002

SECTION I. Product and Company Identification

Manufacturer: Durus International Corporation
1217 Palolo Avenue
Honolulu, HI 96816
TEL: (808) 733-8682
FAX: (808) 737-1808

Emergency Response Notification: (888) 387-8708 TOLL FREE

Product Name: DURUS® Asphalt Crack Filler
Generic Name: Acrylic Polymer
Formula Identification: Proprietary Blend and Various Aggregates
Special Hazards: Possible IRRITANT

<u>Hazard Rating</u>	<u>Scale</u>
Toxicity: 1	4=Extreme
Fire: 0	3=High
Reactivity: 0	2=Moderate
PPE: -	1=Slight
	0=Insignificant

SECTION II. Hazardous Ingredients/Identification Information

<u>Material or Component</u>	<u>CAS REG. #</u>
CRYSTALLINE SILICA (QUARTZ)	14808-60-7

SECTION III. Typical Physical/Chemical Data

Appearance: Grainy black paste
Color: Black
State: Part liquid, part solid
Odor Characteristic: Slight Ammonia-like Odor
Specific Gravity (Water=1): N/A
Vapor Density (Air=1): Heavier than air
Boiling Point: N/A
Solubility in Water: Liquid-Dilutable, Aggregate-Insoluble

SECTION IV. Fire and Explosion Hazard Data

Flash Point: Non-flammable in liquid state. Polymer film can burn.
Extinguishing Media: Use extinguishing media appropriate for surrounding fire.
Personal Protective Equipment: Wear self-contained breathing apparatus (pressure-demand MSHA/NIOSH approved or equivalent) and full protective gear.

SECTION V. Health Hazard Data

Health Effects:

Inhalation: Inhalation of vapor or mist can cause the following:
- headache - nausea - irritation of nose, throat, and lungs
First Aid: Move subject to fresh air.

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<u>Eye Contact:</u>	Direct contact with material can cause the following: - slight skin irritation First Aid: Flush eyes with a large amount of water for at least 15 minutes. Consult physician if irritation persists.
<u>Skin Contact:</u>	Prolonged or repeated skin contact can cause the following: - slight skin irritation, temporary staining First Aid: Wash affected skin areas thoroughly with soap and water. Consult a physician if irritation persists.
<u>Ingestion:</u>	May cause gastrointestinal irritation, nausea, vomiting, diarrhea. First Aid: If swallowed, give 2 glasses of water to drink. Consult a physician. Never give anything by mouth to an unconscious person.

SECTION VI. Stability, Reactivity and Polymerization

Stability:	This material is considered stable.
Hazardous Decomposition Products:	Thermal decomposition may yield acrylic monomers.
Hazardous Polymerization:	Product will not undergo polymerization.
Incompatible Materials:	There are no known materials, which are incompatible with this product.

SECTION VII. Preventative and Protective Measures

Protective Gloves:	Chemical resistant
Eye Protection:	Safety glasses with side shields may be worn.
Respiratory Protection:	None required. Use in ventilated area.
Other Clothing:	Coveralls
Engineering Controls:	Local exhaust ventilation to maintain exposure limits below individual TLV's. Adequate ventilation must be supplied in confined spaces.
Spill & Leak Procedures:	Prevent from entering sewers or watercourses. Contain spread. Notify appropriate authorities. Ventilate enclosed spaces and wear respiratory protection. Pump or soak up with sand or other non-flammable, inert absorbent.
Waste Disposal:	Reclaim or dispose of in accordance with all local, provincial, and federal regulations.
Handling & Storage:	Keep containers closed. Store in cool, well-ventilated area away from oxidizing agents and other incompatible substances. Keep from freezing. Use good personal hygiene. Containers may retain residue when emptied and should be commercially cleaned before reuse. Keep out of reach of children.