

ARCOR®
EPOXY TECHNOLOGIES™

ARCOR Epoxy Inc.

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Material Safety Data Sheet

Material

Black Beauty Abrasives

Date Prepared

08/02/01

Emergency Telephone	Day: 800-878-9593
	Night: 800-878-9593

Ingredients	CAS NUMBER	OSHA PEL	ACGIH TLV
Common name Slag Coal 99-100%	68476-96-0	(Particulars not otherwise regulated)	
Nuisance Particulate Total Particulate		15 mg/m3	10 mg/m3
Respirable Particulate		5 mg/m3	3 mg/m3

Physical/Chemical Characteristics

Boiling Point	Not Applicable	Melting Point	2040 C
Vapor Pressure	Not Applicable	Evaporation Rate	Negligible
Vapor Density	Not Applicable	Specific Gravity	3.95
Appearance & Odor	Granular brown to black, odorless		
Solubility in Water	insoluble		
Solubility in Other solvent	partially soluble in HF		

Precautions For Safe Handling and use

Flammable Properties	non-flammable
Flash Point	none
Flammable Limits	LEL: not available UEL: not available
Special Fire Fighting Procedures	none
Fire or explosion potential	none

Reactivity Data

Stability
Stable

Stability Conditions To avoid
Not Applicable

Incompatibility (materials to avoid)
none

Hazardous Decomposition Products
Carbon Monoxide & Irritating Toxic Fumes

Hazardous Polymerization
Will not occur

Health Hazard Data

Health Hazards

Skin: Dermal irritation; Eyes: Eye Irritation
Ingestion: Gastrointestinal Irritation
Inhalation: Respiratory Irritation

Signs and Symptoms of Exposure

Skin: Reddening, Swelling, Rash, Blistering, Scaling
Ingestion: Dizziness, Weakness
Inhalation: Burning in nose & throat, Chest pains
Eyes: Pain, tearing, Reddening, Swelling

Medical Conditions Aggravated By Exposure

Skin and Eye conditions

Emergency and First Aid Procedures

Skin: wash with water. Obtain first aid or medical assistance is needed. **Ingestion:** If swallowed seek medical attention. **Inhalation:** Remove to fresh air, apply artificial respiration as needed. Get medical attention if needed
Eyes: Wash with large amounts of water. Obtain first aid or medical assistance is needed.

Precautions For Safe Handling and use

Accidental Release Measures	Personal precautions: Wear protective equipment Cleanup Measures: Normal cleanup procedures. Avoid generating dust.
Waste Disposal	Dispose accordingly to standard landfill methods consistent with applicable Federal, State and Local laws.
Precautions For Handling and Storage	Normal storage: general storage, ambient air temperature and pressure. Handling: Avoid generating dust. Handle with adequate ventilation for dust. See OSHA29 CFR 1910-94 (ventilation)

Control Measures

Respiratory Protection Recommended if TLV's or PELs are exceeded. Use NIOSH/MSHA approved respirators

Engineering Control Provide sufficient mechanical (general and/local exhaust) ventilation to maintain exposures below PELs or TLVs.

Skin and Hand Protection Gloves as desired by user

Eye and Face Protection Use safety glasses with side shields. If there is potential for exposure to particles which could cause mechanical injury to the eye, wear goggles.