

# Abrasive Grains and Powders

## SECTION I - Material Identity

Item Name	ABRASIVE GRAINS & POWDERS
Part Number/Trade Name	EMERALD CREEK GARNET ABRASIVE GRAINS & POWDERS
National Stock Number	5350L400612F
CAGE Code	1EE61
Part Number Indicator	A
MSDS Number	183134
HAZ Code	B

## SECTION II - Manufacturer's Information

Manufacturer Name	EMERALD CREET GARNET MILLING CO INC
P.O. Box	N/K
Street	RT 4 BOX 190
Cit	FERNWOOD
State	ID
Country	US
Zip Code	83830
Emergency Phone	208-245-2096
Information Phone	208-245-2096

## MSDS Preparer's Information

MSDS Preparer Name	L E GORRILL
Street	RT 4 BOX 190
City	FERNWOOD
State	ID
Zip Code	83830
Date MSDS Prepared/Revised	15JAN94
Date of Technical Review	22SEP94
Active Indicator	N

## Alternate Vendors

Vendor #5 CAGE	BVSCD
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### SECTION III - Physical/Chemical Characteristics

Appearance/Odor	DEEP RED TO PINK COLOR W/NO ODOR.
Boiling Point	N/K
Melting Point	2399F
Vapor Pressure	N/K
Vapor Density	N/K
Specific Gravity	4-4.1
Decomposition	N/K
Temperature	
Evaporation Rate	N/K
Solubility in Water	INSOLUBLE
Percent Volatiles by Volume	N/K
Chemical pH	N/K
Corrosion Rate	N/K
Container Pressure Code	4
Temperature Code	8
Product State Code	S

### SECTION IV - Fire and Explosion Hazard Data

Flash Point Method	UNK
Lower Explosion Limit	N/R
Upper Explosion Limit	N/R
Extinguishing Media	APPROPRIATE FOR SURROUNDING FIRE.
Special Fire Fighting Procedures	AS APPROPRIATE TO THE SURROUNDING FIRE. FIREFIGHTERS SHOULD BE PROTECTED FROM NUISANCE DUST.
Unusual Fire/Explosion Hazards	NONE

### SECTION V - Reactivity Data

Stability	YES
Stability Conditions to Avoid	N/K
Materials to Avoid	N/K

Hazardous Decomposition Products	N/K
Hazardous Polymerization	NO
Polymerization Conditions to Avoid	N/K

## SECTION VI - Health Hazard Data

Route of Entry: Skin	NO
Route of Entry: Ingestion	NO
Route of Entry: Inhalation	YES
Health Hazards - Acute and Chronic	EXPOSURE TO NUISANCE DUST MAY CAUSE EYE, THROAT/LUNG IRRITATION, COUGHING/SHORTNESS OF BREATH
Carcinogenity: NTP	O
Carcinogenity: IARC	YES
Carcinogenity: OSHA	NO
Explanation of Carcinogenity	SEE INGREDIENTS.
Symptoms of Overexposure	EXPOSURE TO NUISANCE DUST MAY CAUSE EYE, THROAT/LUNG IRRITATION, COUGHING/ SHORTNESS OF BREATH.
Medical Cond. Aggrevated by Exposure	CHRONIC BRONCHITIS, EMPHYSEMA & OTHER LUNG DISEASES.
Emergency/First Aid Procedures	EYES: WASH W/WATER TO FLUSH OUT DUST PARTICLES. SKIN: WASH W/SOAP & WATER. OBTAIN MEDICAL ATTENTION IN ALL CASES.

## SECTION VII - Precautions for Safe Handling and Use

Steps if Material Released/Spilled	SWEEP/VACUUM MATERIAL FOR DISPOSAL. PREVENT GENERATION OF DUST DURING CLEAN-UP.
Neutralizing Agent	N/K
Waste Disposal Method	DISPOSE OF IN ACCORDANCE W/LOCAL, STATE & FEDERAL REGULATIONS.
Handling and Storage Precautions	USE GOOD HOUSEKEEPING PRACTICES TO REDUCE DUST, USE APPROVED HAND, EYE & RESPIRATORY PROTECTION WHEN HANDLING MATERIAL.
Other Precautions	USE MATERIAL ONLY FOR THE PURPOSES INTENDED & INCORPORATE METHODS OF DUST CONTROL TO MAINTAIN AIRBORNE DUST WITHIN FEDERAL/LOCAL TLV LIMITS.

## SECTION VIII - Control Measures

Respiratory Protection	NIOSH/MSHA APPROVED FILTERS & AIR SUPPLIED HOODS FOR BLASTERS.
Ventilation	LOCAL EXHAUST WHEN BLAST CLEANING. MECHANICAL (GENERAL) TO MEET DUST TLV.
Protective Gloves	LEATHER/EQUIVALENT-IN USE
Eye Protection	SAFETY GLASSES W/SIDE SHIELDS
Other Protective Equipment	HEARING PROTECTION WHEN WORKING NEAR BLAST CLEANING OPERATION.
Work Hygienic Practices	MAINTAIN A CLEAN & SAFE WORK ENVIRONMENT & MONITOR WORK PRACTICES.
Supplemental Health/Safety Data	N/K
Disposal Code	0

## SECTION IX - Label Data

Protect Eye	YES
Protect Skin	YES
Protect Respiratory	YES
Chronic Indicator	YES
Contact Code	SLIGHT
Fire Code	UNKNOWN
Health Code	UNKNOWN
React Code	UNKNOWN
Specific Hazard and Precaution	EXPOSURE TO NUISANCE DUST MAY CAUSE EYE, THROAT/LUNG IRRITATION, COUGHING/SHORTNESS C CARCINOGENS: CRYSTALLINE SILICA.

## SECTION X - Transportation Data

Container Quantity	50
Unit of Measure	LB

## SECTION XI - Site Specific/Reporting Information

Volatile Organic Compounds (P/G)	0
Volatile Organic Compounds (G/L)	0

## SECTION XII - Ingredients/Identity Information

Ingredient #	02
Ingredient Name	SILICA CRYSTALLINE, TRIPOLI (SUSPECTED HUMAN & ANIMAL CARCINOGEN BY IARC - GROUP 2A) *94-3*
CAS Number	1317959
NIOSH Number	VV7336000
Proprietary	NO
Percent	<0.50
OSHA PEL	N/K
ACGIH TLV	0.1 MG/CUM
Recommended Limit	30 MG/CUM TOTAL DUST
Ingredient #	1
Ingredient Name	ALMANDITE
CAS Number	1302621
NIOSH Number	1011653AL
Proprietary	NO
Percent	N/K
OSHA PEL	N/K
ACGIH TLV	N/K
Recommended Limit	N/K