

SAFETY DATA SHEET

SECTION 1: CHEMICAL AND COMPANY INFORMATION

Product / Chemical Name: QuickBlast / Garnet Abrasive
Chemical Formula 3FeO·Al₂O₃·SiO₂
CAS Number: 1302-62-1
General Use: Industrial Abrasives

Wholesale Distributor: Quick Minerals Group, LLC
 311 East 72nd Street Suite 7E
 New York, NY 10021
 (Toll Free) 888.298.7768
 (Mobile) 203.258.2604
 (Fax) 203.549.0558
 (Email) sales@quickmineralsgroupllc.com
 (Website) www.quickmineralsgroupllc.com

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Proportion (Weight %)
Almandine Garnet	1302-62-1	More than 97%
Crystalline Silica	14808-60-7	Less than 1%
Mica	12001-26-2	Less than 1.5%
Feldspars	68476-25-5	Less than 0.5%

SECTION 3: HAZARDS IDENTIFICATION

- Prolonged inhalation of dust may cause irritation
- Prolonged ingestion of dust may cause irritation
- Contact with eyes may cause temporary irritation
- Contact with skin may cause temporary irritation

SECTION 4: FIRST AID MEASURES

- After skin contact, remove particles and wash
- After eye contact, flush eyes with water and remove all particles. Consult a physician if the problem persists
- After ingestion, give water and seek medical advice if the problem persists
- After inhalation, remove subject into fresh air and seek medical advice

SECTION 5: FIRE FIGHTING MEASURES

Flammability Classification:	Non-Flammable Solid	Flash Point Method:	Not Relevant
LEL:	Not Relevant	UEL:	Not Relevant
Flammability Classification:	Not Relevant		
Extinguishing Media:	Use Appropriate Extinguishing Media For Surrounding Fire		
Unusual Fire or Explosion Hazards:	None		

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precaution:	Non-hazardous
Environment Precaution:	Non-hazardous
Clean Up Method:	Take up mechanically

SECTION 7: HANDLING AND STORAGE

Precautions for Handling:	No special instruction
Measures to Protect Against:	N/A
Fire / Explosion:	Non-explosive
Storage:	Store in a dry place / condition

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Ingredients with OELs:	N/A
Respiratory Protection:	Not required for normal operation
Hand Protection:	Recommended for high volume application if dust is present
Body Protection:	Overalls and eye protection recommended
Hygiene Measures:	High standards must be encouraged

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Solid grains or powders	Water Solubility:	Not Soluble
Appearance and Odor:	Dark reddish sand, no odor	Other Solubles:	Not Relevant
Odor Threshold:	None	Boiling Point:	Not Relevant
Vapor Pressure:	Not Relevant	Melting Point:	1,315°C (2,399°F)
Vapor Density: (Air = 1)	Not Relevant	Bulk Density:	2.0 – 2.3 g/cm ³
Specific Gravity (H₂O = 1)	4.0 – 4.1	Mean Refractive Index:	1.73 – 1.76
pH:	Not Relevant	Mohs Hardness:	7.0 – 8.0

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability:	Stable
Consideration of Reactivity:	None Known
Incompatible Material:	N/A
Conditions to Avoid:	None Known
Hazardous Decomposition:	None Known
Hazardous Polymerization:	None Known

SECTION 11: TOXICOLOGICAL INFORMATION

This Material is Non-Toxic

Toxicological Tests:	Acute Toxicity – N/A Additional Information – N/A
Experience:	Observations – None

SECTION 12: ECOLOGICAL INFORMATION

Information on Elimination:	None
Behavior in the Environment:	Material is resistant to bio-degradation
Mobility and Bio-Accumulative Potential:	None
Aquatic Toxicity:	N/A

SECTION 13: DISPOSAL CONSIDERATIONS

- Dispose of to an authorized landfill site
- Preparation: The material is not considered to be hazardous

SECTION 14: TRANSPORT INFORMATION

Road / Rail	ADR / RID	Not Dangerous
Inland / Sea	AND / ADNR	Not Dangerous
Air	ICAO / IATA	Not Dangerous

SECTION 15: REGULATORY INFORMATION

Non-hazardous and non-dangerous goods. No known additional regulations for this product.

