

## Garnet Abrasive Grains and Powders

This MSDS complies with 29 CFR 1910, 1200

Issue Date: June 2013

**1****PRODUCT AND COMPANY IDENTIFICATION**

<b>Product Name</b>	Garnet Abrasive Grains and Powders
<b>CAS Number</b>	1302-62-1 Almandine Garnet 14808-60-7 Crystalline Silica, Quartz
<b>Other names</b>	Almandine garnet, ferro aluminium silicate
<b>General use</b>	Industrial abrasive

<b>Manufacturer</b>	<b>Mohawk Garnet Inc.</b>	
<b>Contact Information</b>	808 Highway 17 East Wahnapitae, Ontario POM 3C0 Canada	Telephone: (705) 694-5783 Toll Free: (866) 642-7638 Emergency: Austin McMurdy (705) 626-1440 www.mohawkgarnet.com

**2****COMPOSITION/INFORMATION ON INGREDIENTS**

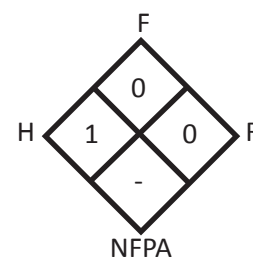
<b>Component</b>	<b>CAS Number</b>	<b>Proportion</b> (weight %)
Almandine Garnet	1302-62-1	> 97%
Crystalline Silica, Quartz	14808-60-7	< 1.0%

**3****PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical state</b>	Angular grains	<b>Water solubility</b>	Not soluble in water
<b>Appearance/odour</b>	Pink to dark red	<b>Other solubilities</b>	Not relevant
<b>Odour threshold</b>	No odour	<b>Boiling point</b>	Not relevant
<b>Vapour pressure</b>	Not relevant	<b>Melting point</b>	1,315°C (2,399°F)
<b>Vapour density (air=1)</b>	Not relevant	<b>Viscosity</b>	Not relevant
<b>Specific gravity (H<sub>2</sub>O=1)</b>	4.0 - 4.1	<b>Mean refractive index</b>	1.77 - 1.79
<b>PH</b>	Not relevant	<b>Evaporation rate</b>	Not relevant

**4****FIREFIGHTING MEASURES**

<b>Flash point</b>	Non-flammable solid
<b>Flash point method</b>	Not relevant
<b>LEL</b>	Not relevant
<b>UEL</b>	Not relevant
<b>Flammability classification</b>	Not relevant
<b>Extinguishing media</b>	Use appropriate extinguishing media for surrounding fire
<b>Unusual fire/explosion hazards</b>	None



Note: Variation from tested samples may occur

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### STABILITY AND REACTIVITY

Stability	Stable
Polymerization	Polymerization cannot occur
Chemical Incompatibilities	None known
Hazardous Decomposition Products	None known

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### HEALTH HAZARD INFORMATION

#### Acute Effects (Effects of Overexposure)

Inhalation	Dust may cause irritation of nasal and respiratory tract.
Eye contact	Dust may cause irritation.
Skin contact	May cause abrasions.
Ingestion	No known effects, however ingestion is not recommended.

#### Medical conditions aggravated by long-term exposure

Chronic respiratory disease may be aggravated by exposure to nuisance dust.

#### Emergency and First Aid Procedures

Inhalation	Remove to fresh air. If breathing is difficult, administer oxygen. Obtain medical assistance, if needed.
Eye contact	Flush with large amounts of water. Obtain medical assistance, if needed.
Skin contact	Thoroughly wash exposed area with soap and water.
Ingestion	Obtain first aid or medical assistance, if needed.

**Primary route(s) of entry** Inhalation/Skin contact

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### SPILL, LEAK AND DISPOSAL PROCEDURES

Spill Procedure	Sweep or vacuum up material for disposal or recovery.
Disposal	Dispose of in accordance with local, provincial/state and federal regulations. Material contaminated in use may require special disposal procedures.

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### EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation	Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain dust exposure below the threshold limit value (TLV).
Respiratory protection	If needed, use a NIOSH/MSHA approved dust respirator, cartridge or mask.
Eye protection	Recommended federally approved safety glasses, goggles or face shield.
Skin protection	Use gloves made of leather, cotton or equivalent material.

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### SPECIAL PRECAUTIONS AND COMMENTS

No special precautions are needed for the normal handling and storage of the material. The information set forth herein is believed to be accurate but is not warranted with respect to the accuracy of the information or recommendation. Recipients are advised to confirm in advance of need that the information is current and applicable to their circumstances and usage. Variation from tested samples may occur. Because the information contained herein may be applied under conditions beyond our control, we assume no responsibility for its use.

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