



*experience,
trust, service*

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BENEFITS OF BLASTING WITH GARNET

Garnet abrasives deliver high performance and recyclability in a non-ferrous 100% natural mineral. Garnet's superior hardness (7.5 mohs) and high bulk density (130 - 150 lbs/ft³) make it the abrasive of choice in many surface preparation applications. Blasting with garnet abrasives results in more cost effective blast cleaning and outstanding surface preparation.

Cost Effectiveness

Garnet is harder, heavier and more durable than other blast abrasives. It cuts faster and significantly increases productivity, while reducing abrasive consumption. Garnet abrasives can be recycled up to 5 times (or more) without losing its superior cutting ability. Reduced abrasive consumption leads to significant savings in shipping, handling and disposal.

Low Dusting

Blast cleaning with garnet produces significantly lower dust emissions because of its inherent toughness and rapid settling due to its high specific gravity. Lower dust levels lead to minimum disruption and potential danger to adjoining operations, improved operator visibility and reduced cleanup costs.

Health & Safety

Garnet is an inert natural mineral that poses lower health and environmental risks. All garnet contains less than 0.1% free silica. Garnet is certified by the California Air Resources Board (CARB) for dry, unconfined blasting. Garnet meets all current EPA, NIOSH and OSHA chemical limits and is listed in the Qualified Products List (QPL) for the U.S. Navy's specification Mil-A-22262B (SH).

Superior Surface Preparation

Garnet grains clean deep into cavities and pitted areas down to bare metal, thoroughly removing all rust, soluble salts and other contaminants. Garnet abrasives are ideal for use on steel, stainless steel, aluminum and other substrates and provide a surface that is virtually free of embedments and rogue peaks and troughs. Garnet products improve coating adhesion and coating life by producing a clean substrate with a uniform surface profile.

DISCLAIMER: The information in this sheet was obtained from sources, which we believe are reliable. However, the information is provided without any representation or warranty, expressed or implied, regarding accuracy. These conditions or methods of handling, storage use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. Customers/users of silica must comply with all applicable health and safety laws, regulations and orders, including the OSHA Hazardous Communication Standard.



WARNING: Silicosis Warning - Breathing dust from silica sand causes silicosis, a fatal lung disease. Breathing dust during blasting operations may also cause asbestosis and/or other serious or fatal diseases. A NIOSH approved, well-maintained air-supplied respirator should be used by anyone blasting, anyone handling or using the sand and anyone in the area of the dust. Harmful dust can remain suspended in the air for long periods of time after the blasting has ceased causing serious injury or death.

