

# ABRASIVE BLAST MEDIA

## Faster. Cleaner. Greener.

Green Diamond abrasives deliver reliability, recyclability and cost-effective performance compared to traditional blast media. Our magnesium orthosilicate combines hardness, specific gravity, angularity and precision particle gradation to deliver the best overall profiling solution in the blast industry.

Green Diamond abrasive blast media contains no free silica providing a safer work environment. Its low-dusting, chemically inert properties create a healthier work environment with reduced airborne hazards and improved visibility. The result is a cleaner, safer, and more efficient blasting process that supports both high performance surface preparation and worker well-being.

## Why Green Diamond Wins



### Low Dust Generation

Green Diamond Magnesium Orthosilicate (synthetic olivine) Abrasive is engineered for superior surface preparation with significantly reduced dust levels compared to traditional blasting media. Because our raw material is fresh water quenched, each particle forms an amorphous, glasslike structure that is both durable and long-lasting. This unique composition allows the abrasive to break down more slowly, delivering consistent cutting action over extended blasting cycles, with minimized airborne particulate.

Our advanced water separation process—rather than conventional mechanical screening—ensures precise sizing and further helps minimize airborne particulate. The result is a blasting media that not only improves visibility and enhances worker safety but also reduces cleanup time, environmental impact, and overall project costs.

### Reliable Supply, Made in the USA

With Green Diamond magnesium orthosilicate Synthetic Olivine Abrasive, you can count on a supply chain that's as dependable as the product itself. Our abrasives material is mined and processed in the United States, ensuring consistent availability and quality without the uncertainty of overseas sourcing. Green Diamond products are also EPA Build America, Buy America (BABA) compliant and ready for federally funded projects.

As a vertically integrated operation, Green Diamond controls every step—from raw material to finished product—providing unmatched reliability, quality assurance, and responsive customer support. This streamlined approach guarantees that contractors and distributors always have access to the abrasive they need, when they need it.



## Lowest Overall Cost of Ownership

Green Diamond Magnesium Orthosilicate Abrasive delivers exceptional value without compromising performance. Our abrasive has a lower specific gravity, which translates into more material mass, more blasting power than the same weight of other media like copper slag and garnet. That means fewer bags to buy, greater coverage, less freight and lower labor cost per job.



L to R: Green Diamond, Copper Slag & Garnet

Material	Mohs Hardness*	Density*	Particle Shape*
Garnet	7.0-8.0	SG~3.8	Sub-angular to angular
Copper Slag	6.0 - 7.0	SG~3.5	Grit-like, angular
Coal Slag	6.0 - 6.5	SG~2.73	Angular
Green Diamond	6.5 - 7.5	SG~2.9	Sub-angular to angular

\*Typical values and particles



## Choose Green!

Discover the difference a high-quality, superior performance abrasive can make on your next blasting project.

Schedule a blast demo to see for yourself why Green Diamond is the go-to choice for contractors when it comes to quality, consistency and value on demanding applications.



+1 (541) 874-3111 | [greendiamondpm.com](http://greendiamondpm.com)

500 E. 6th Avenue, Riddle, OR 97469



## Applications

Trusted by world class companies as the preferred abrasive in:

### Aerospace & Automotive

Ideal for paint stripping, corrosion control, and metal refinishing.

### Heavy Equipment & Manufacturing

Ensures clean, consistent surface preparation for optimal coatings.

### Industrial Fabrication

Delivers precise blasting for structural steel and metal components ensuring optimal adhesion for long-lasting coatings.

### Oil & Gas Infrastructure

Ideal for Industrial sandblasting, pipeline coating and storage tank preservation.

### Shipbuilding & Marine

Removes rust, coatings, and corrosion while ensuring an even profile for ship restoration. Approved for Aluminum Hulls.

## The Green Choice

Choosing Green Diamond means choosing a partner dedicated to quality, reliability, and environmental stewardship—a smarter choice for your projects and the planet.

Green Diamond passes California Air Resources Board Title 17 for low dusting (CARB), SSPC AB-1, and military QPL MIL-PRF-22262C Grade A.

