

Data Sheet

Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

1.1 Product identifier

Product Name

- HPA Garnet Abrasive Grains and Powders

Synonyms

- Almandine and Pyrope Garnet

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified use(s)

- Industrial Abrasives

Garnet: One of the Blasting Industry's Hardest and Heaviest Mineral Abrasives

Many abrasive suppliers advertise the hardness of their abrasives by reference to the Mohs scale. The Mohs scale of mineral hardness characterizes the scratch resistance of various minerals through the ability of a harder material to scratch a softer material. Garnet is ranked between 7.5 and 8.5 on the [Mohs scale](#).

The Mohs scale is an ordinal scale that simply tells us which minerals or materials are as hard as or harder than others. The scale does not show how much harder one mineral is as compared to another. This limits the value of the scale when considering the productivity of a blast abrasive.

