

View Online at <https://aerobasegroup.com/nsn/3439-01-478-4062>

**Environmental Protection:**

Any acceptable

**Basic Material:**

Cerium and zirconium silicate

**Content Within Each Unit Package:**

12.5lbs

**Special Features:**

Nsn is used to purchase a of 24 containers and up; zr o 25ce o 2.5y o; -90 +16 um (-170 mesh +16 um); rc 30-35 hardness; texture/finish as-sprayed 350-500; cerium oxide, yttrium oxide stabilized zirconium oxide powder. Spherical free flowing and fully alloyed powder particles. Produces the best thermal barrier coatings (tbc's) in terms of lowest thermal conductivity and resistance to fatigue caused by thermal cycling. Coatings also exhibit resistance to high temperature degradation caused by fuel contaminants in jet engines. Recommended for protection of critical metal components from heat and particle erosion at elevated temperatures. Ideally suited for severe thermal barrier applications and offers greater high temperature corrosion resistance against sodium, sulfur and chlorine contaminants compared to 8% yttria zirconia coatings

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

T166-s