

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 oxzide, yttrium oxide stablized 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 tempreature degradation caused by fuel contaminants in jet engines.Recommended for protection of critical metal components from heat and particle erosion at elevated tempreatures.Ideally suited for severe thermal barrier applications and offers greater high tempreature 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