

Metal-Shield

Rustproofing--Soundproofing--Insulating Automotive and Steel Coating

Hy-Tech Thermal Solutions, LLC announces an industry first,
Our Hy-Tech solution to the age-old problem of
Rust, Condensation, High Heat, Sound Control in
Autos, Commercial Vehicles, Marine, Industrial Pipelines
and Storage Tanks.

Insulating Metal Shield

A Rust preventive, heat insulating, soundproofing concentrate containing a blend of space age ceramic insulating microspheres and an industry standard setting anti-corrosion compound.

By combining the thermal heat blocking and soundproofing properties of Hy-Tech insulating ceramic microspheres, and a time tested rust preventative concentrate you can now not only protect from rust your Auto, Farm equipment, RV, Industrial Storage Tanks etc but also gain the additional soundproofing and heat resisting properties of Insulating Ceramic Microspheres, the NASA developed technology for blocking the extremely high heat in spacecraft during re-entry.

The rust preventative concentrate contains a dispersion of an inorganic-organic complex, oxidized petrolatum and microcrystalline wax in solvent.

The complex compound is very polar and forms excellent bonds with ferrous and non-ferrous metals. Metal Shield also shows excellent electrical resistivity and very low moisture vapor transmission rates.

Our product is comparable to PVC, Teflon, Polyethene, Bakelite, Nylon and Plexiglass.

Metal Shield resins are used over existing coatings systems on Bridges and other metal surfaces to encapsulate lead paint, asbestos and prevent corrosion. This single component product displaces moisture and does not lift existing coatings. The base resin is highly corrosion resistant providing several thousand hours of salt fog resistance.

The insulating ceramic microspheres not only aid in soundproofing but the thermal resistance properties of the vacuum ceramic beads will reduce the heat transfer on any surface to which it is applied by refracting, reflecting, and dissipating radiant heat thus reducing heat build-up and heat transfer .

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