

## PRODUCT DATA SHEET

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### MAGNESITE THINNER BASE

A premium Magnesite filled with low silica thinner based liquid wash for application on moulds and cores to give excellent casting finish in the casting of Manganese steel. It consists of high quality Magnesite powder with excellent suspension and covering properties. It is necessary to coat the sand surfaces which come into contact with molten metal. With our coatings, it prevents erosion, metal stroke mould reaction and sand burn on.

MAGNESITE THINNER BASE – It is a ready to use liquid coating. It is applied by spraying, swabbing or brushing.

Specifications:

1. Color – Light Brown
2. Specific Gravity – 1.40 +/- 0.05
3. Viscosity (B4 Cup) – 16 +/- 1 sec.
4. Solids – 55 +/- 2%

It is essential to ensure that this product is thoroughly mixed to homogeneous consistency by stirring before use.

It is light off coating for use on sand moulds and cores in the casting of Manganese steel. In coating moulds and cores, the most important requirement is to obtain an even coating over the metal/sand contact areas. This is best achieved by spraying but can also be obtained by brushing, swabbing and in the case of cores, by dipping. When spraying good dense delivery is best since fine spray is likely to suffer from premature evaporation of the thinner and deposit of an unsatisfactory coating. It is essential always to ensure that coating is well mixed and suspended before application.