



# GS ASSOCIATES

An ISO 9001:2015 Company

## PRODUCT DATA SHEET

### GSA 6570

#### FEATURES AND BENEFITS

**GSA 6570** is an anionic organic surfactant, recommended for use in investment casting slurries.

- Improves wetting out refractory flours when preparing the slurry.
- Improves wetting the wax pattern by the slurry while dipping.
- Formulated for use in the investment casting industry.
- Promotes a smooth surface finish for the casting, while reducing the occurrence of surface-related casting defects.

Typical properties:

Appearance : Colourless to pale yellow

Specific Gravity : 1.05 ~ 1.10

pH (10% Solution) : 5.5 ~ 8

#### APPLICATION INFORMATION

The quantity of **GSA 6570** to be used depends upon the percentage of zircon flour used in the Prime slurry. Refer Table to find out the quantity of **GSA 6570** to be used for different Zircon flour/Fused Silica combination in the Prime slurry. It is best to pre-blend **GSA 6570** with DM water before adding to the slurry.



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## Table

% Zircon	ml/kg of binder	% Zircon	ml/kg of binder
0	1.64	60	2.17
20	1.88	80	2.26
40	2.04	100	2.34

## HANDLING AND STORAGE

Use proper protective equipment when handling the product.

Close the can tight immediately after taking out the quantity required, to avoid evaporation of the co-solvent.

## PACKING

**GSA 6570** is packed in 5 lit and 10 lit cans.

## REMARKS

More information about the product and its usage can be provided by our technical support team. Contact us at [sales@gs-associates.in](mailto:sales@gs-associates.in)