



Remet  
Datasheet  
284

SHELL ROOM - SLURRY  
ADDITIVES

VICTAWET 12

Victawet 12 is an effective wetting agent for use in the production of slurries for precision investment casting.

VICTAWET 12 is a non-ionic, low-foaming, organic phosphate ester, wetting agent that is effective in both acidic and alkaline binders used in the investment casting process.

#### Usage Notes

VICTAWET 12 should be added to primary slurries at an initial 0.25% (v/v) level based upon total binder liquid (binder plus concentrate plus any water of dilution). Since waxes do vary in their wettability, the slurry should be checked to assure that it is properly wetting the wax patterns. If additional VICTAWET 12 is needed, it should be added in 0.05% (v/v) increments until satisfactory wetting is achieved. Normally, VICTAWET 12 should be used at levels below 0.75% (v/v).

VICTAWET 12, like other wetting agents, should be used in conjunction with an effective antifoam such as BURST.

VICTAWET 12 hydrolyzes with time. The hydrolysis reaction produces an acid. The pH of 0.5% VICTAWET 12 solution should be measured before use. It should not be added to alkaline colloidal silica products if the pH drops below approximately 3.0 to 3.5. VICTAWET 12 is safe to use with the LUDOX SK grades, even if its pH drops below this level.

#### Typical Properties

Specific Gravity	1.12
Water Solubility	Tubid-disperses
P <sub>2</sub> O <sub>5</sub>	16.6%
pH (Initial)	7.0 - 7.4 (0.5% solution)
Appearance / Form	100% active liquid pale amber to white

#### Tariff Code

34029010 - Cleaning Agent

#### Packaging

Available in:  
4 kg Keg  
226 kg Drum

#### Health and Safety

Read SDS prior to use

#### Storage and Handling

Material shelf life information also goes in this section.

#### Disposal

The standard clause below should be included, also add any special disposal information, this can be found on the SDS sheets.

Dispose of in compliance with all local and national regulations

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