



# SURFACE SPECILITY CHEMIE

## TECHNICAL DATA SHEET

### K-HamR 30

#### HANDLING PRECAUTIONS:

- K-HamR 30 is supplied in flammable solvent.
- Avoid breathing the vapour and personal contact.
- Avoid heat, sparks and open flame when in use.

#### STORAGE AND PACKING:

- Keep away from heat.
- If stored at or below 25C, in the original unopened containers, has a usable life of 8 months from the date of manufacture.
- Replace lid tightly once after use.
- Available in 20 Kg

#### DESCRIPTION:

K-HamR 30 gives hammertone decorative effect to certain finishes, intended primarily for solvent based paints and in some water-borne systems also.

#### TYPICAL PROPERTIES:\*

PARAMETERS	K-HamR 30
Appearance	Clear transparent, viscous Liquid
Chemical Nature	Mixture of Polysiloxane
Refractive Index	1.46
Viscosity @ 25c	5000-6000 cps
Solid content, %	30
Solvent	Aromatic

\*

#### APPLICATIONS:

K-HamR 30 is usually added to solvent based coating during the final thinning stage, but in water based coatings is often incorporated with resin prior to let-down. Resulting Hammer finish also depends on suitable pigmentation and drying properties of the coatings

Lab standardization is important prior to bulk scale. Ensure thorough mixing for uniform pattern size.

Concentration may vary from 0.05% to 0.5%. It may be diluted with aromatic solvents such as xylene or toluene, mineral spirits.



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The following key benefits are provided by **K-HamR 30** within the Coatings and Inks industry:

- The incompatibility of **K-HamR 30** with the coating causes the floating of the actives of the surface
- The metallic pigments (ideally aluminum) can orientate in the created surface texture
- Finishes incorporating **K-HamR 30** are generally recoatable without surface preparation



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