



# PPG LO-VEL<sup>®</sup> HSF

## Flatting Agent – Non-Treated

COATINGS

PPG LO-VEL<sup>®</sup> HSF flatting agent is a synthetic amorphous silicon dioxide designed to reduce the gloss of high-solids, low volatile organic compounds (VOC) coatings.

### Benefits

- Provides high flatting efficiency at all viewing angles and give films a gloss-sheen ratio of close to 1:1
- Shows minimal viscosity increase resulting in coatings with good flow characteristics even at low VOC content
- Easily incorporated and dispersed in solvent and water-based clear and pigmented coatings systems
- Has no measurable hardness and will not abrade equipment
- Easy incorporation with minimum impact on viscosity build-up



### Applications

- Industrial coatings
- Decorative paints
- Wood flooring lacquers
- Appliance finishes
- Aircraft coatings
- Metal furniture finishes
- Satin and semi-gloss varnishes



Lo-Vel HSF Silica – Typical Properties	
Median Particle Size (laser light diffraction), $\mu\text{m}$	13
N <sub>2</sub> -BET Surface Area, m <sup>2</sup> /g	150
DOA-Oil Absorption Number, mL/100g	210
Hegman Value	5
Fineness of Grind, $\mu\text{m}$	38
Moisture Content, %	$\leq 7.5$
pH	6.9

### Samples

Samples are available per request from customer service.

### Packaging

Standard packaging in small bags are unitized for shipping on pallets and stretch wrapped with clear plastic film. Please consult with customer service or your sales representative regarding additional packaging options including custom package sizes.

### Storage

To ensure product integrity, we recommend that our silica products be stored under dry, clean conditions, protected against exposure to direct sunlight and other substances, and used within 12 months of the date of manufacture. PPG silica products that are stored for more than one year from the date of manufacture should be tested for moisture content.

### Safety and Health Effects

We recommend that, before use, anyone using or handling this product thoroughly read and understand the information and precautions on the label, as well as in other product safety publications such as the Safety Data Sheet. Any health hazard and safety information contained herein should be passed on to your customers or employees, as the case may be. The products mentioned herein can be hazardous if not used properly. Like all potentially hazardous materials, this product must be kept out of the reach of children.

### Product Safety and Regulatory Information

For the latest product safety and regulatory information, please reference the Safety Data Sheets at [www.ppgsilica.com](http://www.ppgsilica.com).



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