

Turboset™ 5000HS

High-Solids Self-Crosslinking, Water-Borne Polyurethane Dispersion

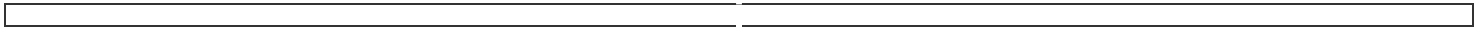
Turboset™ 5000HS is a TEA* free, high solid, one component, self-crosslinking waterborne polyurethane dispersion designed for clear wood finishes. It can be formulated to <140g/L VOC US (< 50 g/L EU) and is designed to perform on sports, recreation, and high traffic wood floors without the use of cross-linkers. Turboset™ 5000HS is based on a state of the art, self-crosslinking mechanism that cures as the wet film dries. Its ability to perform in demanding floor applications without adding cross-linkers simplifies and lowers the risks of application associated with 2K systems, while also reducing waste. Additionally, the high solids content of Turboset™ 5000HS allows thicker films to be applied per application reducing the number of applications needed to achieve optimal performance. This translates into the elimination of application labor steps, reduced job cost, and faster return to service. *None intentionally added in manufacture or formulation

FEATURES AND BENEFITS

- Abrasion Resistance
- Black Heel Mark Resistance
- Chemical Resistance
- High Solids
- Self-Crosslinking

CHARACTERISTICS

Characteristic Name	Value
% Weight Solids	48-52
Appearance	Water white dispersion
Brookfield Viscosity (cps)	400 max
Density (lb/gal @ 25 °C)	8.69
Freeze/Thaw Stability	Protect from freezing
MFFT (°C)	<5
pH Value	7-8
Volatile Organic Compounds (wt. %)	0.63% (DMEA)



REGULATORY

- Low VOC⁴
- NMP-Free¹
- TEA-Free¹

¹Not intentionally added to the composition of this product

⁴Suitable for coating formulations where less than 140 g/l VOC (US EPA Method 24) or 75 g/l VOC (ISO 11890-1, Method 2) is desired based on calculations.

APPLICATIONS

- Industrial OEM Coatings

AVAILABLE REGIONS

- North America

REGULATORY STATUS

Please see the product's current material safety data sheet, SDS, for regulatory information. You can request an SDS at www.lubrizol.com/coatings.

Should you have questions on additional topics, please feel free to contact your Lubrizol representative or one of our regional Customer Assistance groups listed here:

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