

Product Specification

DYNOL™ 607 Surfactant – Non-Ionic Superwetter**Description**

Based on patented Gemini surfactant technology, DYNOL™ 607 Surfactant is a high-performance, non-ionic superwetter that can provide the excellent equilibrium and dynamic surface tension reduction associated with the Dynol name. It also demonstrates improved ease-of-incorporation and formulation compatibility compared to the more hydrophobic DYNOL™ 604 Surfactant.

In addition, comparative wetting performance tests have shown that DYNOL™ 607 Surfactant can be an excellent choice as a replacement for conventional fluorosurfactants and a cost-effective, non-persistent alternative to new fluorosurfactant technology.

Features/Benefits

- Outstanding dynamic wetting
- Excellent flow and levelling
- Avoids most recoatability issues
- Non-persistent foam
- Cost-effective
- Improved formulation compatibility
- Ease of incorporation
- Contains no added APEs or HAPs
- Contributes no VOCs per European and US2 regulations

Applications

- Water-based Coatings
 - Automotive OEM and refinish
 - Architectural coatings
 - OEM, DIY, and UV wood
 - Industrial maintenance
 - Metal and paper

- Graphic Arts
 - Printing inks
 - Overprint varnishes
 - Fountain solutions
 - Plate cleaners
- Adhesives
- Latex dipping
- Dye and pigment grinding and synthesis
- Oil and gas processing
- Cleaning products
- Metalworking fluids
- Concrete and drymix mortars
- Waste water treatment

Recommended usage

Between 0.1 and 1 % of total formulation weight is recommended.

Shelf life

The shelf life for this product is 60 months from the date of manufacture.

Storage and handling

Keep containers tightly closed in a dry, cool, and well-ventilated place. Product is freeze-thaw stable; if it phase separates or freezes at colder temperatures, warm container to 40 °C and mix thoroughly before use.

Please refer to the MSDS for the most current information.

Table 1: Typical Properties¹

Appearance	amber lliquid
Viscosity @ 25 °C (mPa · s)	205
Specific Gravity @ 25 °C	1.00
Flash Point (°C)	164
Pout Point (°C)	-13
VOC (US EPA Method 24) ²	0
Activity	100 %

- 1 These are typical properties only and do not represent sales or manufacturing specifications.
- 2 VOCs, as defined by the EPA in 40 CFR 51.100(s). DYNOL™ 607 Surfactant was found to contribute no VOC under EPA Method 24 testing conditions when evaluated at 1.0 wt.%

Hazardous goods classification

Information concerning

- classification and labelling according to regulations for transport and for dangerous substances
- protective measures for storage and handling
- measures in case of accidents and fire
- toxicity and ecological effects

is given in our material safety data sheets.

07/2017

For Technical Information, Support and Samples:

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