



## COATING PRODUCTS: Technical Data Sheet

### ALKYD RESIN

**RESYD 2190 MS 50** is a medium oil alkyd. It is a versatile, low cost general-purpose industrial resin and it has been specifically formulated for use in low cost primers and enamels.

- Excellent pigment compatibility
- Durable product properties
- Good gloss properties

#### TYPICAL PHYSICAL PROPERTIES\*:

PERCENT SOLIDS	50.0 ± 1.0
SOLVENT	Mineral Spirits
ACID VALUE	12 max. on solids
PHENOLIC CONTENT	None
COLOR	7 max.
VISCOSITY	Z <sub>4</sub> – Z <sub>6</sub> <sup>+</sup>
REDUCED VISCOSITY @ 40% NV	S – U IN MINERAL SPIRITS

#### TYPICAL POLYMER COMPOSITION:

MODIFIERS	Free and Absent
SPECIFIC GRAVITY	0.92 (Typical)
TYPE OF OIL	Oxidizing
OIL CONTENT	51% (Theoretical)
PHTHALIC ANHYDRIDE CONTENT	35% (min)

#### TYPICAL PERFORMANCE:

Suggested Air Drying Agent: Cobalt 0.05% and Calcium 0.25%

#### DRY TIMES @ 25°C:

Dust Free: 1-2 Hours      Tack Free: 4 – 5 Hours      HARD DRY: 8 – 10 Hours

BAKING SCHEDULE: 30 MIN @ 180°C.      90 MIN @ 120°C

SOLVENT TOLERANCE OF MINERAL SPIRITS      Infinite

#### PRODUCT COMPATIBILITY:

PIGMENT	Excellent	DRYING OILS	Limited		
UREA	Limited	MELAMINE	Limited	NITROCELLULOSE	Poor

**RESYD 2190 MS 50** is available in steel drums or bulk tanker.

Ref.# EP-414-A

Technical Data



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MTDS Resyd 2190 MS 50 v3 January 22, 2013



FOUNDRY – COATINGS – STEEL MILL - SULPHONIC ACIDS - PSA  
TOMORROW'S GREEN CHEMISTRY, TODAY



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BEFORE USE, ALWAYS READ AND FOLLOW THE DIRECTIONS CONTAINED ON THE LABEL, AND MATERIAL SAFETY DATA SHEET.

\*\* The information presented, while not guaranteed, it is to the best of our knowledge true and accurate. No warranty or guarantee, express or implied, is made regarding the performance or stability of any product, since the manner of use and conditions of storage and handling are beyond our control. No suggestions for product use are intended as and nothing herein shall be construed as a recommendation to infringe any existing patents or to violate any government laws.



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