

050-B-001

DESCRIPTION

The 050-B-001 is a pre-promoted, orthophthalic, white gel coat developed for the fiberglass industry. This is a gel coats for sanding.

FEATURES AND BENEFITS

- Fast cycle of curing.
- Regular resistance to sagging.

APPLICATIONS

- Manufacture of FRP parts, general purpose.

TYPICAL LIQUID PROPERTIES

Property	Units	Min	Max.	Test Method
Brookfield viscosity ²	Cps.	11, 000	13, 500	TARQ – 300
Gel time ¹	Min.	8	12	TARQ – 400
Thixotropic index ³	—	5	7.5	TARQ – 400

¹ 1.8% butanox M-50 @25°C; ² RVF, spindle # 4, 4 rpm @25°C; ³ RVF, spindle # 4, 2 / 20 rpm @25°C.

NOTE: Tests results compared with the reported in certificate can be affected due to: batch age, temperature, moisture, type and amount of catalyst, testing equipment and method.

RECOMMENDATIONS

- 1.- The catalyst level should not exceed 2.8% or fall below 1% for proper cure.
- 2.- This product should not be used when temperature conditions are below 16°C, as curing and handling may be adversely affected.
- 3.- Before use:
 - Mix once a day for 10 minutes, starting from the edges towards the center of the drum with the least possible turbulence.
 - Avoid air assistance, this is not effective and may cause water or oil contamination.
 - Avoid over-mixing, due to potential filler separation and increased tendencies to sag.
- 4.- Film should be sprayed in at least three passes, for a total film thickness of 18 to 22 mils (wet).
NOTE: Films less than 12 mils may not cure properly; films above 24 mils may pre-release, generate porosity or cracks.
- 5.- Brushing is not recommended, because it causes uneven thickness.

- 6.- Do not add any material different to the catalyst recommended for this product.
- 7.- Do not mix organic peroxides with metallic soaps, amines or any type of accelerators or promoters, because it can result on violent decomposition with fire or explosion.
- 8.- Any additional questions, please contact your Reacciones Químicas SA de CV sales representative.

STORAGE

Uncatalyzed 050-B-001, has a usage life of 45 days from invoice date, when stored at 25°C or below, in closed, opaque, factory sealed containers, and out of direct sunlight, heat sources or moisture. If ordered in IBC totes, shelf life is only 30 days when stored at 25°C or below, in closed, factory sealed containers, and out of direct sunlight, heat sources or moisture. For every 7°C increase in storage temperature, the shelf life is reduced by one half.

SAFETY AND HANDLING

Detailed information for safe handling of 050-B-001, can be found on its SDS. For more information, please contact your Reacciones Químicas SA de CV sales representative.

DISCLAIMER AND LIMITATION OF LIABILITY

To the best of our knowledge, the information contained herein is accurate. The products sold hereunder shall meet Seller's applicable specifications at time of shipment. Seller's specifications may be subject to change at any time without notice to Buyer. Buyer must give Seller notice in writing of any alleged defect covered by warranty (together with all identifying details, including the product code(s), description and date of purchase) within thirty (30) days of the date of shipment of the product or prior to the expiration of the shipment's quality life, whichever comes first. **THE WARRANTY DESCRIBED HEREIN SHALL BE IN LIEU OF ANY OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THERE ARE NO WARRANTIES THAT EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF.** The Buyer's sole and exclusive remedy against Seller shall be for the replacement of the product or refund of the purchase price in the event that a defective condition of the product should be found to exist by the Seller. **NO OTHER REMEDY (INCLUDING, BUT NOT LIMITED TO, INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR LOST PROFITS, LOST SALES, INJURY TO PERSON OR PROPERTY, OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL LOSS) SHALL BE AVAILABLE TO THE BUYER.** The sole purpose of this exclusive remedy shall be provided Buyer with replacement of the product or refund of the purchase price of the product if any defect in material or workmanship is found to exist. This exclusive remedy shall not be deemed to have failed its essential purpose so long as Seller is willing and able to replace the defective products or refund the purchase price. Final determination of the suitability of the material for use contemplated, the manner of use and suggested use infringing any patents is the sole responsibility of the Buyer.