

TD Sand

DESCRIPTION

Vinyl Ester blend composite used for modeling, leveling plugs and mold surface. It is easy to use and helps to minimize porosity. Its formulation permits the product to bond to different substrates such as ABS and other thermoplastics, wood, fiberglass and our machineable TD Coat P and TD Coat RT. TD Sand is sag resistant and can be used in a thin layer on vertical surfaces.

PHYSICAL CHARACTERISTIC

- Moderately fast gel time
- Low viscosity, for easy mixing with catalyst
- If necessary, can be diluted with methyl ethyl ketone (maximum 5%)
- Improves bonding with final coating
- Surface easy to sand, level and polish
- Formulated to be catalysed with MEKP (methyl ethyl ketone peroxide) at room temperature.

PHYSICAL PROPERTIES

Viscosity Brookfield RVF #2	2500-3500 cps
Thixotropic Index	4 - 6
Gel time @ 2,0% Syrgis MEKP9* (100 grams mass)	15-25 minutes
Lead time before sanding**	50-70 minutes
Glass transition temperature (Tg)	76°C (168°F)
Specific gravity*	1.25 – 1.35 g/mL (10.4 – 11.3 lb/gal)

*Tested @ 25°C (77°F) ** room temperature 22-25°C (72-77°F) Catalyst level=2%

We can accelerate the curing process by heating the part to be repaired with an infrared light or a heat gun. Security measures must be respected. Refer to MSDS for further information.

1. Wait for the patch to be «tack free» before using heat.
2. Keep the heat source moving. Do not concentrate the heat, only warm to a maximum of 40 °C (104°F).
3. Let the patch cool to room temperature before sanding and buffing.

UTILIZATION

Be sure that the product is homogeneous and well **mixed** before using. Remove all ignition sources, spark and flame before opening the container. Make certain container is properly grounded and bounded before handling or transferring liquid.

STORAGE LIMITATIONS

TD Sand has a shelf life of 120 days from date of manufacture when stored at 22°C (73°F) or below, in closed, factory sealed, opaque container, and out of direct sunlight.

SHIPPING

Shipment is normally done in one pail 3.9 gallons or Drums U.S. 38.7 gallons .



Technical Data Sheet



TD Sand

**Warning ! flammable liquid
See SDS before using.**

All sales of products manufactured by Tru-Design and described herein are made solely on condition that Tru-Design's customers comply with applicable health and safety laws, regulations and orders relating to the handling of our products in the workplace. Before using, read the following information and both the product label and Material Safety Data Sheet pertaining to each product.

Do not ingest or breathe vapour, spray mists and dusts caused by applying, sanding, grinding and sawing polyester products. Wear an appropriate NIOSH/MSHA approved, properly fitted, respirator during application and use of these products until vapors, mists and dusts are exhausted, unless air monitoring demonstrates vapors, mists and dusts are below applicable exposure limits. Follow respirator manufacturer's directions for respirator use.

Read the Material Safety Data Sheet for each product (identified by product number) before using. If unavailable, these can be obtained, free of charge, from your Tru-Design representative. Before opening the packages, read all warning labels. Observe all precautions. Keep containers closed when not in use. In case of spillage, absorb with inert material and dispose of in accordance with applicable regulations. Emptied containers may retain hazardous residue. Do not cut, puncture or weld on or near these containers. Follow container label warnings until containers are thoroughly cleaned or destroyed.

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DISCLAIMER AND LIMITATION of LIABILITY
(08/14/95)

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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 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.

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Final determination of the suitability of the material for the use contemplated the manner of use and whether the suggested use infringes any patents is the sole responsibility of the buyer.