

Advanced Materials**DT 081 Lightweight Filler****DESCRIPTION:**

DT 081 is a lightweight, free-flowing, microsphere filler. DT 081 microspheres are surface modified for ease of dispersion and improved properties in epoxy and polyurethane mixtures.

APPLICATIONS:

Add to compounds for reducing weight and cost of the final composition. Generally, however, overall compound strength is reduced as DT 081 is added.

MIXING INSTRUCTIONS:

DT 081 may be added to the liquid mix either manually or in a slowly rotating mixer. Stir each component thoroughly before use. Weigh each component accurately ($\pm 5\%$) into clean containers. Thoroughly mix resin and hardener together (minimum 3 minutes) scraping container sidewalls, bottom, and mixing utensil several times to assure a uniform mix.

TYPICAL PROPERTIES:**Values**

As supplied form	Off-white powder
Particle size (avg.)	100 microns
Particle size range	10-350
Bulk density	24 lb/cu-ft.
Melting point	1200°C

NOTE: Typical Properties - These physical properties are reported as typical test values obtained by our test laboratory. If assistance is needed in establishing product specifications, please consult with our Quality Control Department.

PACKAGING:

This product is available in the following package size(s): 50 pound bags
Please call Customer Service (800-367-8793) for price and availability.

STORAGE:

DT 081 should be stored in a dry place, preferably in the sealed original container, at temperatures between +2°C and +40°C (+35.6°F and +104°F). Under these storage conditions, the shelf life is 2 years. The product should not be exposed to direct sunlight.

PRECAUTIONARY NOTE:

Thermosetting systems generate heat when curing. The amount of heat and the period of time in which heat is released vary significantly between systems. Additionally, ambient or compound temperature, amount of material mixed, and construction and shape of the mold or container can also be factors in the temperature profile of a mixed system. In some cases, the thermosetting reaction can be vigorous, generating heat sufficient to cause decomposition of the system with subsequent liberation of large volumes of acrid smoke.

A good rule of thumb is never mix more material than can be applied during the stated pot life or gel time. Also take care when using materials in applications other than stated on the Product Data Sheet, i.e., a laminating resin for casting. Please feel welcome to call our Product Information Department or your local Huntsman Advanced Materials representative for instructions before you start your job.

PRECAUTIONARY STATEMENT

Huntsman Advanced Materials Americas LLC maintains up-to-date Material Safety Data Sheets (MSDS) on all of its products. These sheets contain pertinent information that you may need to protect your employees and customers against any known health or safety hazards associated with our products. Users should review the latest MSDS to determine possible health hazards and appropriate precautions to implement prior to using this material.

First Aid!

Refer to MSDS as mentioned above.

KEEP OUT OF REACH OF CHILDREN**FOR PROFESSIONAL AND INDUSTRIAL USE ONLY**

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