

Technical Data Sheet

Durite™ Resin AD-5097

Description

Powdered phenolic novolac with hexamethylenetetramine

Application

AD-5097 is used in hot and cold press operations in conjunction with phenolic and/or furfural wetting agents for bonded abrasive applications

Typical Properties

Property	Value	Unit
Glass Plate Flow at 125°C	14 - 19	mm
Hexa Content	8.5 - 9.5	%
Hot Plate Cure at 150°C	56 - 84	Seconds
Particle Size <= 74 micron	98 - 99.9	% vol.

Tests are made in accordance with the current Hexion Standard Test Method and are available upon request.

Storage

AD-5097 is a stable material with little tendency to sinter when stored in closed containers in a cool (21° C / 70° F), dry location

Handling

This product has to be used and disposed of according to the indications given in its safety data sheet. Hexion Inc. solid products, including but not limited to powders and flake resin products, can be combustible and present a fire or explosion hazard under certain conditions (including, but not limited to when dusts are finely divided and suspended in air and/or allowed to accumulate on surfaces). Fine dust clouds may form explosive mixtures. The buyer must comply with all laws, regulations and standards applicable to the possession, handling and use of solid products by the buyer. Please consult US NFPA Standard 652 & 654, UK HSE Guidance HSG 103, or other national guidance on safe handling of combustible dusts.

Packaging

50lb bags, 250lb drums

Note

As part of our quality assurance efforts, we ensure compliance with the indicated product parameters at the time of shipping. Phenolic resins are known to be subject to a process of change that depends on the storage and transportation conditions. Even when the material is stored at the conditions indicated above, the useful life must be individually verified by the user of our products.

Durite Resin AD-5097

<https://www.hexion.com/en-US/product/durite-resin-ad-5097->

Generated: May 3, 2024

Issue Date:

Revision: 7/5/2018 12:00:00 AM

® and ™ Licensed trademarks of Hexion Inc.

The information provided herein was believed by Hexion Inc. ("Hexion") to be accurate at the time of preparation or prepared from sources believed to be reliable, but it is the responsibility of the user to investigate and understand other pertinent sources of information, to comply with all laws and procedures applicable to the safe handling and use of the product and to determine the suitability of the product for its intended use. All products supplied by Hexion are subject to Hexion's terms and conditions of sale. **HEXION MAKES NO WARRANTY, EXPRESS OR IMPLIED, CONCERNING THE PRODUCT OR THE MERCHANTABILITY OR FITNESS THEREOF FOR ANY PURPOSE OR CONCERNING THE ACCURACY OF ANY INFORMATION PROVIDED BY HEXION**, except that the product shall conform to Hexion's specifications. Nothing contained herein constitutes an offer for the sale of any product.