



255 FOUNTAIN STREET AKRON, OHIO 44304-1991
 330-535-2100 ♦ 800-321-2260 ♦ FAX 330-535-8947

RESINS & TACKIFIERS
-ADDITIONAL RESINS-

AKROFORM[®] RESORCINOL-80/EPR/P (pellets)

AKROPERSE[®] RESORCINOL-40/NR/S (slabs)

PRODUCT DESCRIPTION:

Akroperse and Akroform Resorcinol-80/EPR, and Resorcinol-40/NR are polymeric dispersions of Resorcinol (1,3-Dihydroxybenzene). Resorcinol is typically used with hexamethylenetetramine (HMT) or other methylene donors along with silica to make rubber-to-fabric adhesion possible.

Resorcinol flakes or powder require high temperatures to achieve good dispersion; the masterbatch form allows lower temperature addition, reducing sublimation and improving adhesion. Normal dosage for fabric adhesion is 2.4 phr active resorcinol along with 1.6 phr active HMT.

PROPERTIES:

Specific Gravity	(Resorcinol-80/EPR)	1.19 calc
	(Resorcinol-40/NR)	1.02 calc
Percent Active.....	(Resorcinol-80/EPR)	80%
	(Resorcinol-40/NR)	40%
Binder	(Resorcinol-80/EPR)	EPR*
	(Resorcinol-40/NR)	NR*
Appearance	(Resorcinol-80/EPR) - off-white pellets	
	(Resorcinol-40/NR) - off-white slabs	
Package.....	40 pound net weight cartons	

* NR designates Natural Rubber; EPR designates ethylene-propylene copolymer

ADVANTAGES:

Polymer bound or encapsulated dispersions are a proven means of upgrading plant safety, efficiency, quality & raw material control.

Akrochem polymer bound or encapsulated dispersions eliminate any irritating dust, as well as other potential hazards in handling powders in the plant. The physical form is easy to handle and weigh accurately. As a dispersion, better uniformity of the mix at low process temperatures are possible.

wol - 11/09, t-resorcinol

Included with its product literature and upon the request of its customers, Akrochem provides product specifications and evaluations, suggested formulations and recommendations and other technical assistance, both orally and in writing (collectively the "Technical Information"). Although Akrochem believes all Technical Information to be true and correct, it makes no warranty, either express or implied, as to the accuracy, completeness, or fitness of the Technical Information for any intended use, or the results which may be obtained by any person using the Technical Information. Akrochem will not be liable for any cost, loss or damage, in tort, contract or otherwise, arising from customer's use of Akrochem products or Technical Information. It is the customer's sole responsibility to test the products and any Technical Information provided to determine whether they are suitable for the customer's needs. Before working with any product, the

customer must read and become familiar with available information concerning its hazards, proper use, storage and handling, including all health, safety, and hygiene precautions recommended by the manufacturer. Nothing in the Technical Information is intended to be a recommendation to use any product, method, or process in violation of any intellectual property rights governing such product, method, or process. No license is implied or granted by Akrochem as to any such product, method, or process. AKROCHEM CORPORATION DISCLAIMS ANY AND ALL WARRANTIES, EXPRESS AND IMPLIED, INCLUDING WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY AND FITNESS FOR ANY PARTICULAR PURPOSE, RELATED TO ANY PRODUCTS OR TECHNICAL INFORMATION PROVIDED BY AKROCHEM.