

SPECIAL BULLETIN

Operating Division PRODUCT PROCEDURE Approved: <i>[Signature]</i>	CONFIDENTIAL DO NOT REPRODUCE OR COPY USG ALL PURPOSE COMPOUND (AP392A) SOUTH GATE	No. 61-2-11-3-P Date 7-7-70 Page 2 Cancels Dated NEW																		
FORMULA - AP392A <table border="0"> <tr> <td>-60 mesh Gelvatol 20/90 BP</td> <td>1.3% *</td> </tr> <tr> <td>B329</td> <td>4.0</td> </tr> <tr> <td>(-60 mesh Cellosize WP 100M</td> <td>.3 or) **</td> </tr> <tr> <td>(-60 mesh Natrosol HHX</td> <td>.35)</td> </tr> <tr> <td>Polyglyoxal, Crystalline 80%, powd.</td> <td>.4</td> </tr> <tr> <td>Ziram</td> <td>.2</td> </tr> <tr> <td>UCC-S. G. 210 Asbestos as req'd -</td> <td>2.0 to 2.5%</td> </tr> <tr> <td>P80F Mica</td> <td>0.8V quantity (13-14%)</td> </tr> <tr> <td>Gypsum filler (see below)</td> <td>To make 100%</td> </tr> </table> * The Gelvatol 20/90 BP may be increased to 1.5% if necessary to prevent bonds from running low. Check with Purchasing on minimum quantity and order lead time for this special screen fineness grade. ** Either of these cellulosic thickeners may be used but the amounts needed, at least with the sample at Research are slightly different as shown. Do not use the retarded grades of these thickeners - i.e. Cellosize QP 100M or Natrosol HHXR - in this compound. Check with Purchasing on minimum quantity and order lead time for these special screened and unretarded thickeners.			-60 mesh Gelvatol 20/90 BP	1.3% *	B329	4.0	(-60 mesh Cellosize WP 100M	.3 or) **	(-60 mesh Natrosol HHX	.35)	Polyglyoxal, Crystalline 80%, powd.	.4	Ziram	.2	UCC-S. G. 210 Asbestos as req'd -	2.0 to 2.5%	P80F Mica	0.8V quantity (13-14%)	Gypsum filler (see below)	To make 100%
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RAW MATERIAL SPECIFICATIONS

Gelvitol 20/90 HP, -60 mesh -	Purchase Bulletin in preparation. Source Shawnigen Resins Corp. (Monsanto)
B329 -	Per Bulletin 6-124-10
Cellosize WP100M -60 mesh -	Purchase Bulletin in preparation. Source-Union Carbide Corp.
Netrosol 250 - HXX -60 mesh -	Purchase Bulletin in preparation. Source-Hercules, Inc.
Polyglyoxal, 80% crystalline, 100% -50 mesh -	Purchase Bulletin in preparation. Source, Centerchem, Inc. N.Y. or via Monsanto
Ziram -	Per Bulletin 6-100-11
UCC-210 SG Asbestos -	Per Bulletin 6-14-5
P80F Mica -	Per Bulletin 6-143-1
Gypsum filler -	To be the minus 120 mesh portion screened from Plaster City C rock kettle feed land- plaster (i.e. ground to pass approximately 90% through 100 mesh and then screened to remove all +120 mesh material).

PROCESSING

Because of the high degree of incompatibility between AP392A and the casein type compounds, particularly AP160B and JF448D extreme care must be taken in equipment cleanout on changing to or from AP392A production. Otherwise normal dry joint compound procedure is to be used.

END