Johns-Manville MANUFACTURING SPECIFICATION	PRODUCT #83 Acid Resisting Sheet Packing	PLANT & DIV.	Waukegan
		SPEC NO.	FC-MB-11
		PAGE NO.	1

FORMULA

CANCELLED

		***Wet Basis Wt.	***Wet Basis %	Dry Basis Wt.	Dry Basis %
P. S. II-1983	JM-AX2545 Blue Crocidolite Fibre*	600	46.5	600	58.0
P.S. 62301	Dispersed Butyl Rubber	438	34.0	258	25.0
P.S. 63269	C-370 Dispersion	150	11.7	75	7.3
P.S. BP-3208	Alum (Papermakers)**	100	7.8	100	9.7
		1288	100.0	1033	100.0

FORMULA NOTES:

* An alternate source of Blended Blue fibre is Asbestos Corp. of America Every shipment must be tested to the Purchase Specification before being used.

**Alum weight may be increased whonnecessary to facilitate machine operation.

***Due to varying weights of Dispersed Butyl Rubber per container, the following table indicates the required amounts of other materials necessary to adjust the batch weights.

Blue Fibre	Dispersed Butyl Rubber	C-370	Alum
640 lbs.	468	150	100
620 "	453	150	100
600 "	438	150	100

RET J-M RES FILE RO

MANUFACTURING INSTRUCTIONS

1. Add the blue fibre to the beater which is about half full of white or surface water at approximately 70° F. and circulate for about 15 minutes.
2. Lower the beater roll to grind the fibre for a minimum of 30 minutes.
3. Raise beater roll and continue to circulate while adding live steam to bring beater temperature to 100° F. This takes about 15 minutes.
4. Stir the C-370 dispersion thoroughly in its container and add to the beater through a No. 12 mesh screen in order to remove any lumps.
5. Continue circulating stock while adding the thoroughly stirred Butyl Rubber through the No. 12 mesh screen.
6. Add the dissolved alum to beater. The alum is prepared in the starch kettle which has been half filled with service water. Add the alum and agitate with live steam until the temperature reaches 160° F.

X— INDICATES CHANGE —REASON: Substitute AX2545 Fibre for Blended Blue Fibre.

AUTHORITY FOR CHANGE Interim Agreement to Prod. Prop. Waukegan 1012

SUPERSEDES: Pg.1 same spec. issued 1-13-58 & Dev. #127 dated 8-18-58

DIR. Q.C.	MGR. Q.C.	SUPR. Q.C.	PROD. SUPT.	PLNT. FIN.	RES.	E.S. Bogart	Lab.		DATE ISSUED 2-2-59

Form 333-2 Ptd. in U.S.A.