PLAINTIFF'S EXHIBIT

UC-3944

UNION CARBIDE

Calidria ASBESTOS

UNION CARBIDE CORPORATION · METALS DIVISION · P. O. BOX 579 · NIAGARA FALLS, N.Y. 14302 · TEL: 716-278-3376

CALIDRIA asbestos for FIBRATED ALUMINUM ASPHALT COATINGS

CALIDRIA asbestos is a finely divided short fiber chrysotile asbestos designed for use in fibrated aluminum asphalt coatings. It provides excellent bodying, quality consistency and better leafing properties due to its extremely high purity and reliable uniformity. The improved leafing properties obtainable with the CALIDRIA asbestos fiber allows you to reduce your aluminum paste requirements without suffering any loss in brightness. In addition, because of the completely non-abrasive nature and shortness of the fiber it can be easily sprayed in airless equipment. Some typical product characteristics of CALIDRIA and a suggested starting formulation are:

CALIDRIA asbestos CHARACTERISTICS

PROPERTY	TYPICAL VALUE	PROPERTY	TYPICAL VALUE
Fiber purity %	98.0	Reflectance, GE brightness, %	74
Moisture content, %	2.0	Oil absorption # DOP/100# CALIDRIA	120-140
Magnetite, %	0.7	Bulking value, gal./100 lbs.	4.8
Specific gravity	2.45	Aspect ratio (Average L/D)	200:1
Refractive index, n_d 25°C	1.54-1.56	Average fiber length	5 microns

SUGGESTED FIBRATED ALUMINUM ASPHALT COATING FORMULATION

	Pounds	Gallons	Percent Solids
Aluminum paste (65%)	170.20	13.87	10.0
Asphalt cutback @ 65%	408.20	54.46	25.2
Mineral spirits	153.18	22.98	--
High flash naphtha	34.04	4.69	--
CALIDRIA asbestos	85.10	4.00	15.0
	850.72	100.00	50.2

% Aluminum pigment (Percent non-volatite matter) - 21.6%
Total non-volatite matter % - 54.3%

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