

JUN 30 1969

MK-1172-001

MK-1242-001

To: ~~DOROTHY HOOK~~ HASKELL LABORATORY HASKELL LABS

6/27/69

From: H.H. FANNING - MARSHALL LABS

Info copied sent 6/30/69 to:

6237 Primer, white, polyurethane

TEW

6238 Activator 9380-167B

DBH

Re: Polyurethane primer for skin irritation + sensitization testing

As per our conversation 6/19, I am sending a sample of our proposed experimental polyurethane primer (white) for skin testing. Data sheets are attached. Samples are being shipped out today and as agreed, you will arrange for testing of this primer as soon as convenient.

Sample is 2 package { 100-H-175 Package A - Pigmented
 " Package B - Activator
 I've also sent a pint of thinner (MEK) for cleanup.

Resin system is an RC-6047 "LBA" (low bake acrylic) resin plus RC-805 (TDI-THP prepolymer) and we are particularly interested in the skin test results due to Dr. Klizman's results in the urethane enamel series recently completed for us showing the Flintflex[®] system to cause "moderate sensitization" in 1 of 24 human subjects. (The RC805/LBA system has only 0.13% max. free TDI concentration vs. the Flintflex system at 1.65% max. free TDI)

HPT

Samples received 7/1/69

Herb Fanning

PS Thank you for sending Dr. Klizman's preliminary report.

DUP040000817

6237-6238

100-H-175	EXPERIMENTAL POLYURETHANE PRIMER	SEPARATE COMPONENTS	ACTUATED
6237	PACKAGE A	WT % TiO₂ 18.32 TARC (19. Silica) 7.33 Aluminum Silicate 10.99 PC-6047 Resin (Solids) 14.46 Xylene 10.65 Cellulose acetate 19.72 Methyl ethyl ketone 18.53 100.00	WT 16.54 6.62 9.92 13.05 9.61 17.80 16.73 90.27
6238	PACKAGE B	WT % Toluene diisocyanate - 60.00 (Solid) Tri methylol propane polyether 40.00 Methyl isobutyl ketone 100.00 100.00	WT 5.84 3.89 9.73 TOTAL 100.00

HH Forming
6-27-69