000039/ XM2835 – XM28230G

ACTS TESTING LABS, INC.
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Technical Report 5B-16042A

January 17, 1996

Mr. Harry Dickens
SULYN INDUSTRIES, INC.

SUBJECT:

Evaluation of MULTI-GLITTER received on December 13, 1995.

INTRODUCTION:

At the request of the client, the sample was evaluated for Acute Oral Toxicity, Primary Skin Irritation, and Eye Irritation in accordance with the Federal Hazardous Substances Act (FHSA) Regulations, Title 16, Code of Federal Regulations (CFR), Section 1500.3.

Sample Description:	MULTI-GLITTER
Vendor:	Not Listed
Model/Style:	Not Listed
Origin:	Not Listed

EXECUTIVE SUMMARY:

The Eye Irritation test results are considered inconclusive as defined in the Federal Hazardous Substances Act Regulations, Title 16, Code of Federal Regulations, Section 1500.3.

The sample is not considered to be Toxic and is not considered a Primary Skin Irritant as defined in the Federal Hazardous Substances Act Regulations, Title 16, Code of Federal Regulations, Section 1500.3.

ACTS TESTING LABS, INC.

Mark A. Evanko
Director, Toy/Premium Division

pad

Attachment

INGREDIENTS:

1. PVC Resin
2. MBS Resin
3. Tin (Organic Compounds)
4. Zinc Stearate (CAS #557-05-1)
5. Carbon Black (CAS #1333-86-4)
6. Organic and Inorganic
7. Non-Hazardous Additives

OBJECTIVE:

To determine the degree of toxicity that the test substance may produce when administered orally to white rats in a single oral dose of 5 grams per kilogram of body weight.

TEST ANIMALS:

Species: Rattus Norvegicus
Strain: Sprague Dawley (Charles River Labs, Wilmington, MA)
No./Sex: 1 group of 10 (5 males, 5 females)
Weight: 200-300 grams

During the acclimation and testing periods, each animal was housed and maintained according to The Guide For The Care and Use of Laboratory Animals (NIH 86-23).

All animals were identified through eartags and cage cards which provided the individual animal numbers and project number. The animals were either single or double housed and fed Agway Prolab rodent feed and city water ad libitum. All animals were acclimated for at least 4 days prior to testing.

PROCEDURE:

1. Animals were fasted overnight, approximately 18 hours prior to dosing.

2. Prior to dosing, eight grams of the test material was placed in a beaker with 40 mls of 0.9% sodium chloride for Inj. USP and allowed to sit overnight. The extract was stirred vigorously and then decanted prior to dosing. This resulted in a pink liquid. The test material extract was administered orally as a single dose via syringe and suitable intubation tube. The single dose of 5 g/kg of body weight was based on the density of the extracted test material which was 1.01 g/ml.

3. The animals were examined for signs of toxicity, including mortality, immediately after dosing, four hours after dosing, and then daily for a maximum of 14 days. All observations were recorded and included the following:

   A. Behavioral abnormalities
   B. Gross necropsy
   C. Body weight changes
   D. Mortality
   E. Any other toxicological effects

CONCLUSION:

The submitted test material, Multi Glitter, when administered as an extract in 0.9% sodium chloride inj. USP at a single oral dosage level of 5 g/kg body weight, did not produce compound related mortality in half or more of the animals; therefore, the test material is not considered to be toxic according to definitions listed in 16 CFR 1500.3 (c) (2) (i).

Work Performed Under the Supervision of:

Joanne Barbera

Joanne Barbera, Manager
Toxicology

LEBERCO TESTING, INC.

W.S. Gilman

Edwin C. Rothstein, Ph. D.
Director
or
William Gilman, M.S.
Associate Director

LEBERCO TESTING/INC 0000391

ASSAY NUMBER: 9527996
RECEIVED: 14-Dec-95
TEST MATERIAL: Multi Glitter
Lot/ID #: NONE

	Body Weight in Grams		
Animal # and Sex	*Initial Weight*	*Final Weight*	*Body Weight change*
Rat #1 (Female)	209	250	+41
Rat #2 (Female)	215	238	+23
Rat #3 (Female)	222	268	+46
Rat #4 (Female)	219	262	+43
Rat #5 (Female)	205	251	+46
Rat #6 (Male)	202	333	+131
Rat #7 (Male)	201	292	+91
Rat #8 (Male)	212	347	+135
Rat #9 (Male)	215	344	+129
Rat #10 (Male)	208	324	+116

Dose:	*Number*	
Gm/kg Rat	Fed	Dead
5 g/kg	10	0

Necropsy:
No gross abnormalities.

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U5755, U5755A
U11532, 5-423A-Q
5-424A
97-11077
5-1178A-G
5-1177A-G

ACTS TESTING LABS, INC.
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Technical Report 5B-16042

January 3, 1996

Mr. Harry Dickens
SULYN INDUSTRIES, INC.

SUBJECT:

Evaluation of MULTI-GLITTER received on December 13, 1995.

INTRODUCTION:

The product formulation, information and data were reviewed for potential chronic adverse health hazards in accordance with the Labeling of Hazardous Art Materials Act (LHAMA) Regulations, ASTM D4236-94.

Sample Description:	MULTI-GLITTER
Vendor:	Not Listed
Manufacturer:	Not Listed
Model/Style:	Not Listed
Origin:	Not Listed
P.O. No.:	n/a

EXECUTIVE SUMMARY:

After review by a certified toxicologist, it has been determined that, based upon the submitted formulations, the samples will not pose chronic adverse health effects in humans when the samples are used as intended. These samples, therefore, do not require chronic health hazard labeling.

The samples must bear the following or a comparable statement: "Conforms to ASTM D4236."

This LHAMA evaluation was conducted in accordance with the guidelines specified by the Consumer Product Safety Commission in 16 CFR 1500.135.

The attachment indicates the ingredients which have been reviewed.

ACTS TESTING LABS, INC.

Mark A. Evanko
Director, Toy/Premium Division

pad

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