

ORIGINAL

TSCA NON-CONFIDENTIAL BUSINESS INFORMATION

| DOCUMENT DESCRIPTION | DOCUMENT CONTROL NUMBER | DATE RECEIVED |
|----------------------|-------------------------|---------------|
| 8EHQ- 92-13187 | 89110000129 | 2/24/11 |

COMMENTS: COMMUN S (DECLASS)

DOES NOT CONTAIN CBI



Andrea V. Malinowski
Corporate Counsel

DuPont Legal
Wilmington Office Buildings D-7078
1007 Market Street
Wilmington, DE 19898
302-774-6443 Tel 302-774-4812 Fax
andrea.v.malinowski@usa.dupont.com E-mail

MR # 333427

February 18, 2011

VIA CERTIFIED MAIL

Attn: TSCA Declassification Coordinator
U.S. Environmental Protection Agency
Office of Pollution Prevention and Toxics
Document Control Office (7407M)
Washington, D.C. 20460

RECEIVED
OPPT/CSIC
11 FEB 24 PM 1:02

Re: Declassification Activity-TSCA §8(e) Submission
8EHQ Number: 8EHQ-1092-13187s (Bar Code 88920010990)
Supplemental Submission - Revised Public Copy of Submission

Dear TSCA Declassification Coordinator:

This submission is submitted in connection with the EPA 2010 CBI Declassification Challenge program.

Please find enclosed a revised public copy of the above-identified submission. Any information still claimed as confidential business information (CBI) in the attached revised public copy has been redacted and replaced by brackets. The originally assigned 8EHQ number has been added by the submitter to the first page of the enclosed revised public copy of the submission. The test substance description, as identified in an Index provided to submitter by EPA, is provided on the Attachment to this letter.

Very truly yours,

Andrea V. Malinowski

Attachment – Test Substance Description (1 page)
Enclosure – revised public copy of report HLR 328-82



CONTAINS NO CBI

CONTAINS NO CBI

Attachment

8EHQ Number: 8EHQ-1092-13187s (Bar Code 88920010990)

Test Substance identified in EPA Index – Mixture of:

| <u>CAS Number</u> | <u>Chemical Name</u> |
|-------------------|---|
| 00-00-0 | ACRYLIC MODIFIED RESIN |
| 000-00-0 | TERPOLYMER OF FLUOROALKYL METHYLMETHACRYLATE, BUTYL METHACRYLATE, AND GLYCIDYL METHACRYLATE |
| 0000-00-0 | TINTING YELLOW L |
| 102-71-6 | TRIETHANOLAMINE |
| 143-18-0 | POTASSIUM OLEATE SOAP |
| 61791-12-6 | POE 200 ETHOXYLATED CASTOR OIL |
| 68890-05-4 | TELOMER B CITRATE URETHANE |
| 7732-18-5 | WATER |
| 9083-95-3 | OXIRANE, METHYL-, POLYMER WITH OXIRANE, MONOBUTYL ETHER |

FOR DU PONT USE ONLY

Copies to: M. D. Marder (4)
R. L. Hackert (1)

E. I. du Pont de Nemours and Co., Inc.
Haskell Laboratory for Toxicology and Industrial Medicine
Elkton Road, P. O. Box 50,
Newark, Delaware 19711

HASKELL LABORATORY REPORT NO. 328-82

MR NO. 4318-002

| <u>Material Tested</u> | <u>Haskell No.</u> | <u>Other Codes</u> |
|------------------------------|--------------------|--------------------|
| Finish SFX-376* (see page 3) | 14,333 | SFX-376-15X |

Study Initiated/Completed
1/8/82 - 1/28/82

Material Submitted by
R. L. Hackert
Textile Fibers Department
Seaford Nylon Plant

INHALATION APPROXIMATE LETHAL CONCENTRATION (ALC)
OF FINISH SFX-376

Summary:

Male rats were exposed to atmospheres containing Finish SFX-376 for single, 4-hour periods. An Approximate Lethal Concentration on a dry weight basis is 0.53 mg/L which is considered highly toxic. The calculated ALC for Finish SFX-376 (with approximately 82% water) is 2.9 mg/L which is moderately toxic.

Procedure:

Male albino Crl:CD[®] rats were housed in pairs in 8" x 8" x 14" stainless steel wire mesh cages. Purina[®] Certified Rodent Chow #5002 and water were available ad libitum. Rats were weighed and observed for general suitability for at least 1 week prior to test.

Groups of 6 rats, 7-8 weeks old and weighing 235-278 grams, were exposed to atmospheres of the test material for single, 4-hour periods. Exposures were conducted at several concentrations until an ALC was determined. All surviving rats were weighed and observed daily for 14 days post-exposure, weekends excluded except when deemed necessary.

Generation:

Atmospheres of Finish SFX-376 were generated by syringes driving the finish through a Spraying Systems[®] nebulizer. The resultant aerosol was sprayed onto the heated (212-230°C) surface of an Instatheran[®] flask. Dilution air carried the test material from the mixing flask to the chamber.

Analytical:

Chamber atmospheres were analyzed gravimetrically at 30-minute intervals by passing calibrated volumes of test atmosphere through preweighed glass fiber filters. Atmospheric concentrations were determined from dry weight gain of the filters.

Results:

A slight yellow discoloration was seen in the flask and delivery tube; no visible cloud was noted in the chamber although there was condensation on the chamber walls. Results were as follows:

| Concentration (mg/L) | | Fractional Mortality | | |
|--------------------------|----------------------------|----------------------|-----------|------------------|
| Mean (Finish SFX-376) | Mean (Dry Weight Basis) | S.D. | Range | #Deaths/#Exposed |
| 0.39 | 0.07 | 0.03 | 0.02-0.11 | 0/6 |
| 1.1 | 0.19 | 0.07 | 0.14-0.24 | 0/6 |
| 2.9 | 0.53 | 0.26 | 0.21-0.79 | 5/6 |

Observations:

During Exposure: Rats exposed to 0.07 mg/l⁷ exhibited no adverse clinical signs. At higher concentrations, rats exhibited rapid and labored breathing, hyperemia, piloerection and red nasal discharge. At 0.53 mg/L 1 rat also exhibited a hopping gait.

Post-Exposure: At concentrations < 0.19 mg/L, rats showed slight to no weight loss at 24 hours followed by weight gain. At 0.53 mg/L all rats except 1 showed severe weight loss, labored breathing, hyperemia, and dry red ocular discharge. Deaths occurred within 48 hours. The surviving rat showed slight weight loss for 48 hours followed by weight gain.

An Approximate Lethal Concentration for Finish SFX-376 on a dry weight basis is 0.53 mg/L which is considered highly toxic. The calculated ALC for Finish SFX-376 (with approximately 82% water) is 2.9 mg/L which is moderately toxic.

● Composition:

| | |
|--|-------|
| NS-2 | 7.9% |
| SynLube® 106 | 1.1% |
| AMR (Acrylic Modified Resin) | 0.75% |
| TECU-A (Telomer B citrate urethane-A) | 2.25% |
| FKX-1X Methacrylic acid | 2.25% |
| Triethanolamine approx. | 0.6% |
| Water | 82.0% |
| Tinting Yellow L | 3.0% |

Synonym: Commercial P295 Spin Finish

Work and Report by:

Clarence W. Hutt

Clarence W. Hutt
Technician

Supervised by:

Kaysanne L. Ferens

Kaysanne L. Ferens
Toxicologist

Study Director:

Bruce A. Burgess

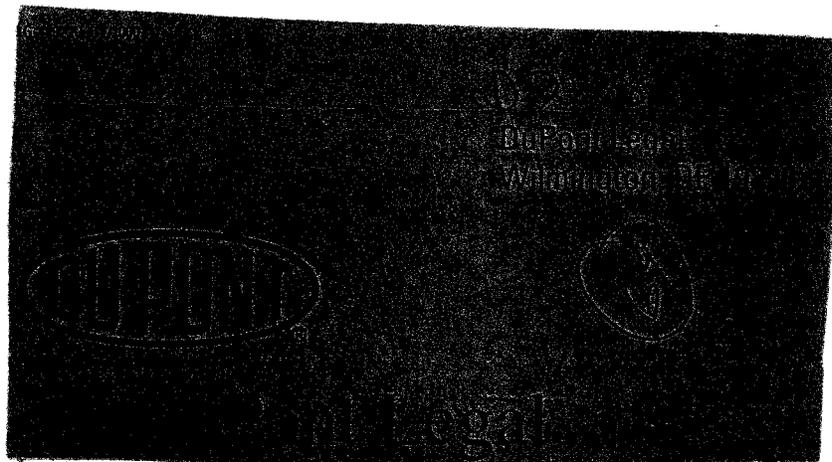
Bruce A. Burgess
Research Toxicologist

Approved by:

Gerald L. Kennedy, Jr.

Gerald L. Kennedy, Jr.
Section Supervisor
Acute Investigations

CWH:jrg:WP:1.23
Date Issued: May 26, 1982
N.B. E-24531, p. 41-66
Report No. 328-82



016H26522134
Hasler
\$ 10.650
02/18/2011
Mailed From 19805
US POSTAGE

Attn: TSCA Declassification Coordinator
U.S. Environmental Protection Agency
Office of Pollution Prevention and Toxics
Document Control Office (7407M)
Washington, D.C. 20460



IC
To: Document Control
Mailstop: 7407M
Department:
Mailcode:
PKG Condition
US POSTAL

