

KURZ-HASTINGS, INC.  
10901 DUTTON ROAD  
PHILADELPHIA, PA. 19154

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MSDS CODE: LK5  
MSDS DATE: 1/9/95

## MATERIAL SAFETY DATA SHEET

### SECTION I CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT IDENTIFICATION: TTF993257-5.7

Synonyms: Coated Polyester Film  
Chemical Family: Not Applicable  
Distributor: Kurz-Hastings, Inc., 10901 Dutton Road, Philadelphia, Pennsylvania 19154  
Phone: Day - 215-632-2300, Night - 215-632-2309, Fax - 215-698-3130  
Manufacturer: Leonhard Kurz GmbH & Co., Schwabacher Str. 482, D-90763 Fürth

### SECTION II COMPOSITION, INFORMATION ON INGREDIENTS

MAY CONTAIN THE FOLLOWING COMPONENTS REQUIRING REPORTING BY OSHA:

COMPONENT	CAS REG. NO.	OSHA PEL TWA	CEILING	ACGIH TWA	STEL
Antimony (3+)	7440-36-0	.5 mg/m <sup>3</sup>	None	.5 mg/m <sup>3</sup>	None
Barium Sulfate	7727-43-7	5 mg/m <sup>3</sup>	None	10 mg/m <sup>3</sup>	None
Calcium Carbonate	1317-65-3	10 mg/m <sup>3</sup>	None	5 mg/m <sup>3</sup>	None
Carbon Black	1333-86-4	3.5 mg/m <sup>3</sup>	None	3.5 mg/m <sup>3</sup>	None
Chromium (3+)	7440-47-3	1 mg/m <sup>3</sup>	None	1 mg/m <sup>3</sup>	None
Iron Oxide	1309-37-1	10 mg/m <sup>3</sup>	None	5 mg/m <sup>3</sup>	None
Kaolin	1332-58-7	15 mg/m <sup>3</sup>	None	2 mg/m <sup>3</sup>	None
Silica Amorphous	112926-00-8	6 mg/m <sup>3</sup>	None	10 mg/m <sup>3</sup>	None
Titanium Dioxide	13463-67-7	10 mg/m <sup>3</sup>	None	10 mg/m <sup>3</sup>	None

All other components are considered to be non-hazardous or are present in levels below the reportable requirements under the criteria of the Federal OSHA Hazard Communication Act 29 CFR 1910.1200

### SECTION III HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

- Appearance and Odor - Spooled plastic film of various colors. Characteristic Odor.  
Statement of Hazard - Dust produced in sawing, sanding, excessive handling may be irritating.

#### POTENTIAL HEALTH EFFECTS

##### Effects of Overexposure:

- Inhalation - Material as shipped poses no health problems. Processing that could release dust such as sawing, sanding, excessive handling etc. could result in mild respiratory irritation.  
Eye Exposure - Dust may temporarily irritate eyes.  
Skin Exposure - No Effect Known

#### POTENTIAL HEALTH EFFECTS CONTINUED

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### Effects of Overexposure:

- |  |  |
|--|--|
| Ingestion                                    | - Unlikely route of exposure. Ingestion of small amounts has no known effect.  |
| Chronic (Delayed) Effects                    | - None Known   |
| Signs and Symptoms of Overexposure (by dust) | - Eye or respiratory tract itching, scratching or dryness.   |
| Carcinogenicity Determinations               | - No components of this product that are listed by OSHA, National Toxicology Program or IARC Monographs as carcinogens are present above 0.1%. |

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### SECTION IV FIRST AID MEASURES

- |            |   |
|------------|---|
| Eyes       | - Flush eyes with water while holding eyelids open. Consult physician if irritation persists. |
| Inhalation | - Remove exposed person to fresh air.   |
| Skin       | - Wash exposed skin areas with soap and water.  |
| Ingestion  | - Not an expected route of exposure.  |

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### SECTION V FIRE FIGHTING INFORMATION

#### FLAMMABLE PROPERTIES

- |                              |   |
|------------------------------|---|
| Flashpoint:                  | Not Applicable  |
| Flammable Limits:            | Not Applicable  |
| Auto Ignition Temperature:   | Not Applicable  |
| Flammability Classification: | Product is combustible plastic film.  |
| Products of Combustion:      | Can include carbon monoxide, carbon dioxide, small quantities of nitric oxides (NO <sub>x</sub> ), trace levels of hydrogen chloride and acetic acid. |

#### FIRE FIGHTING GUIDELINES

- |                      |   |
|----------------------|---|
| Extinguishing Media: | Class A or B extinguishant, eg. dry chemical, foam, carbon dioxide or water. Wear respirator (pressure demand, self contained breathing apparatus, MSHA/NIOSH approved) and full protective gear for working fires. |
|----------------------|---|

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### SECTION VI ACCIDENTAL RELEASE MEASURES

#### PERSONAL PROTECTION

See Section VIII Below

#### CLEAN UP

Vacuum dust that may be generated and dispose of according to applicable federal, state and local regulations. See Section 11 for hazardous components.

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### SECTION VII HANDLING AND STORAGE

To maintain quality of material, store in cool dry atmosphere, 60° - 80° F, 40% relative humidity. No special safety precautions are necessary for storage.

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### SECTION VIII PROTECTION FROM OVEREXPOSURE

#### VENTILATION AND CONTAINMENT

Provide local exhaust ventilation that captures dust during sewing or sanding operations.

#### RESPIRATORY PROTECTION

If ventilation/containment measures do not reliably protect against inhalation overexposure, wear MSHA/NIOSH approved respirator suitable for protection from the dust concentrations encountered.

#### EYE PROTECTION

If dusty conditions are anticipated wear goggles. (ANSI Z87.1-1990)

#### SKIN PROTECTION

Wear work gloves when handling.

#### OTHER PROTECTIVE MEASURES

Source of running water for cleaning skin and eyes should be available.

#### PERSONAL HYGIENE

Wash hands and face with soap and water after handling and especially before eating or smoking.

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### SECTION IX PHYSICAL & CHEMICAL DATA

<u>Appearance:</u>	Coated Polyester Film, Various Colors
<u>Odor:</u>	Characteristic
<u>Water Solubility:</u>	Negligible
<u>Vapor Density:</u>	Not Applicable
<u>Specific Gravity:</u>	Not Applicable
<u>Percent Volatile:</u>	1.5% Maximum

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### SECTION X STABILITY AND REACTIVITY

Stability: Stable when heated except product may become unusable (block). Prolonged heating at elevated temperatures above 300° F can generate smoke and acrid fumes.

Reactivity: Does not react with any common substance.

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### SECTIONS XI AND XII

Intentionally Omitted - Not Applicable

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### SECTION XIII DISPOSAL

For disposal, incinerate or landfill this material according to local, state and federal regulations. See Section II for hazardous components.

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### SECTION XIV TRANSPORT INFORMATION

This material is not classified by DOT as hazardous.

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### SECTION XV REGULATORY INFORMATION

#### WORK PLACE CLASSIFICATIONS

Certain components of this material are classified as hazardous under the OSHA Hazard Communication Standard 29 CFR 1910.1200. (See Section XI)

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### SECTION XV REGULATORY INFORMATION CONTINUED

#### SARA TITLE 3 SECTION 313 (40 CFR 372)

This product contains chemicals which are listed in Section 313 above de minimis concentration.

- Antimony (3+) (7440-36-0)
- Chromium (3+) (7440-47-3)

#### TSCA

All components of the product are listed or are excluded from listing on the US Toxic Substances Control Act Inventory.

#### CALIFORNIA PROPOSITION 65

This product may contain trace levels of a component or components known to the state of California to cause birth defects or other reproductive harm:

- Toluene (108-88-3)
- Mercury (7439-97-6)

This product may contain trace levels of component known to the state of California to cause cancer:

- Aniline (62-53-3)
- Antimony (3+) Trioxide (1309-64-4)
- Arsenic (7440-38-2)
- Cadmium (7440-43-9)
- 3,3' -Dichlorobenzidene (91-94-1)
- Ethyl Acrylate (140-88-5)
- Lead (7439-92-1)
- Nickel (7440-02-0)
- Selenium Sulfide (7446-34-6)

#### MASSACHUSETTS RIGHT TO KNOW

The following chemicals may be present at or above the required reporting level of 0.0001%.

- Aniline (62-53-3)
- Antimony (3+) Trioxide (1309-64-4)
- Arsenic (7440-38-2)
- Cadmium (7440-43-9)
- Chromium (3+) (7440-47-3)
- 3,3' -Dichlorobenzidene (91-94-1)
- Ethyl Acrylate (140-88-5)
- Lead (7439-92-1)
- Nickel (7440-02-0)
- Vinyl Acetate (108-05-4)

#### PENNSYLVANIA RIGHT TO KNOW

The following chemicals may be present at or above reportable levels:

- Chromium (3+) (7440-47-3)

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### SECTION XVI OTHER INFORMATION

#### REVISION SUMMARY:

MSDS has been revised to comply with ANSI Z400.1-1993.

#### ABBREVIATIONS:

ACGIH	-	American Conference of Governmental Industrial Hygienists
OSHA	-	Occupational Safety and Health Administration
TLV	-	Threshold Limit Value
PEL	-	Permissible Exposure Limit
TWA	-	Time Weighted Average
STEL	-	Short Term Exposure Limit
TSCA	-	Toxic Substance Control Act
RCRA	-	Resource Conservation and Recovery Act

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The information contained herein relates only to the specific material identified. Kurz-Hastings, Inc., believe that such information is accurate and reliable as of the date of this Material Safety Data Sheet, but no representation, guarantee or warranty, expressed or implied, is made as to the accuracy, reliability, or completeness of the information. Kurz-Hastings, Inc., urges persons receiving this information to make their own determination as to the information's suitability and completeness for their particular application.