



**UNIFI, INC.**

2920 VANCE STREET EXTENSION  
P.O. BOX 1487  
REIDSVILLE, NORTH CAROLINA 27329

HAZARD RATING	
HEALTH HAZARD	1
FLAMMABILITY	1
REACTIVE HAZARD	0
SPECIFIC HAZARD	N/A

# MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION			
MATERIAL NAME		FORMULA	
Polyester Filament		$\left[ \text{O}-\text{C}_6\text{H}_4-\text{C}(=\text{O})-\text{CH}_2-\text{CH}_2 \right]_n$	
CHEMICAL NAME/SYNONYMS		+ Aqueous Preparation of Paraffin/Alkylaminocarboxamide	
Polyethylene Terephthalate & Textile Lubricant			
COMMON NAME		DOT HAZARD CLASSIFICATION	
Polyester Filament Yarn		Not Restricted	
DATE ISSUED	REVISION DATE	TELEPHONE NUMBER	TECHNICAL CONTACT
11/25/85	3/8/00	336-342-3361	Jack Marlowe

SECTION II - PHYSICAL AND CHEMICAL PROPERTIES			
APPEARANCE		ODOR	
Solid Organic Polymer Filaments - Dyed Various Colors		Odorless	
PHYSICAL DATA/POLYESTER FILAMENTS			
COMPOSITION: Yarn composed of carbon, hydrogen, and oxygen and is considered hazardous by the criteria of the OSHA Hazard Communication Standard (29 CFR 1910.1200)			
HAZARDOUS COMPONENT		APPEARANCE	
Paraffin Wax		Opaque Wax	
CAS #	CONTENT	HAZARD	ACGIH
8002-74-2	0.25 - 0.30%	OSHA: Not Established	2.00 ppm Stel (as fume)
PHYSICAL DATA			
Bolling Point	> 100° C		
Specific Gravity	0.75 - 0.900		
Water Solubility	Emulsifiable		
Percent Volatiles	NIL - ± 0.50% @ 70° C/2 min.		



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FLASH POINT	TEST METHOD
>200 ° F	Tagliabue Closed Cup
UNUSUAL FIRE OR EXPLOSION HAZARDS	
None known to Unifi	
EXTINGUISHING MEDIA	
Foam, Dry Chemical, CO <sub>2</sub> ; Water Fog ; Carbon Dioxide	
SPECIAL FIRE FIGHTING PROCEDURES AND PRECAUTIONS	
Firefighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes.	

STABILITY UNDER NORMAL CONDITIONS
<input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable
INCOMPATIBLE MATERIALS
None Known by Unifi
HAZARDOUS POLYMERIZATION
<input checked="" type="checkbox"/> Will Not Occur <input type="checkbox"/> May Occur
CONDITIONS TO AVOID
High Heat, Open Flames, Mist Formation

**HUMAN EFFECTS AND SYMPTOMS OF OVEREXPOSURE:**

**ACUTE INHALATION**.....:Overexposure to fumes from heated paraffin wax may cause discomfort and nausea.

**ACUTE SKIN CONTACT**.....:Based on animal toxicity testing on a similar product, we would expect this product to be non-irritating to the skin.

**ACUTE EYE CONTACT**.....:Based on animal toxicity testing on a similar product, we would expect this product to be non-irritating to the eyes.

**ACUTE INGESTION**.....:Based on animal toxicity testing on a similar product, we would expect this product to be essentially non-toxic by ingestion.

**CHRONIC EFFECTS OF EXPOSURE**.....:No applicable information was found concerning any adverse chronic health effects from overexposure to this product.

**CARCINOGENICITY**.....:The components of this product are not listed by NTP, IARC or regulated as a carcinogen by OSHA.

**MEDICAL CONDITIONS AGGRAVATED**

**BY EXPOSURE**.....:Persons with preexisting respiratory tract disorders may be more susceptible to the effects of this product.



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**SKIN AND EYE CONTACT**

The lubricants applied to filament yarn have been toxicologically evaluated and found to be of a low order of dermal toxicity to humans; however, prolonged exposure may cause eye or skin irritation with some people.

**FIRST AID**

In case of eye contact, immediately flush with plenty of water. Wash skin with soap and water. If pain, allergy, or reaction persists, get medical attention.  
If in processing there is a potential to generate airborne concentrations of waxes, we recommend an airborne exposure limit of 5mg as particulate/m<sup>3</sup> as an 8-hour TWA.

**NOTICE:** This may be harmful if inhaled in large amounts or for prolonged periods. First aid would be to move individual to area of fresh air.

The product requires no special spill handling procedures.

**VENTILATION REQUIREMENTS**

General Area Exhaust

Local Exhaust

**PERSONAL PROTECTIVE EQUIPMENT RECOMMENDED FOR NORMAL USE CONDITIONING**

Safety Glasses

Skin Protection N/A Under Normal Use Conditions and Good Personal Hygiene

Respiratory Protection N/A with Local Exhaust

**OSHA STATUS:** ..... This product is hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200.

**TSCA STATUS**..... On TSCA Inventory.

**CERCLA REPORTABLE QUANTITY**.....None

**SARA TITLE III:**  
**SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES**.....None  
**TOXIC CHEMICALS**.....None

**RCRA STATUS**..... If discarded in its purchased form, this product would not be a hazardous waste either by listing or characteristic. However, under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from this product should be classified as a hazardous waste. (40 CFR 261.20-24)





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# MATERIAL SAFETY DATA SHEET

**SECTION 2 - HAZARD IDENTIFICATION**  
Do not handle or use product until safety precautions recommended in this data sheet have been read and fully understood.

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**  
**DEPARTMENT OF TRANSPORTATION CLASSIFICATION**  
This product is not hazardous by D.O.T. regulations.

The information contained herein is based on data considered accurate. However, no warranty is express or implied regarding the accuracy of these data or the results to be obtained from the use thereof.

Vendor assumes no responsibility for injury to vendee or third person proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in his use of the material.



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