

TAPE-CRAFT

MANUFACTURER OF NARROW FABRICS

MATERIAL SAFETY DATA SHEET

MANUFACTURER NAME, ADDRESS, AND TELEPHONE NUMBER:
 TAPE-CRAFT, 200 Tape Craft Drive, Oxford, AL 36203, (800) 521-1783

DATE OF PREPARATION: Created on 1/07/02, Rev. 01/08/08

CONTACT: Tim Phillips/John Jennings

TAPE CRAFT MATERIAL IDENTITY: Polyester Web

MATERIAL DESCRIPTION: Woven polyester web containing mineral oil-based lubricant.

HAZARDOUS INGREDIENTS		SECTION II		
CHEMICAL NAME, COMMON NAME(S): Petroleum oil, solvent refined, hydrocracked light distillate (Mineral Oil)	CAS NUMBER: 64741-77-1	% BY WT.: <3	OSHA PEL: 5 mg/m ³	ACGIH TLV: 5 mg/m ³ (TWA) 10 mg/m ³ (STEL)
Polyethylene Terephthalate (Polyester filament yarn)	25038-59-9	97	100 ppm (TWA)* 150 ppm (STEL)*	100 ppm (TWA)* 150 ppm (STEL)*
* Exposure limits are for acetaldehyde, CAS No. 75-07-0, a decomposition product from melting polyester webbing.				
PHYSICAL DATA		SECTION III		
Boiling Point °F °C (or range) Not Applicable	Specific Gravity (H₂O=1): 1.38		Vapor Pressure (mmHg): Not Available At °F °C	
Percent Volatile By Volume (%) : <4	Vapor Density (Air=1): Not Available At °F °C		Evaporation Rate: Not Applicable (=1):	
Volatile Organic Compounds: <4%	pH at full strength: Not Applicable At recommended dilution:		Melting Point °F °C (or range) Approximately 500°F	
Solubility in Water: 1. Negligible	1. Negligible (<0.1%) 2. Slight (0.1-1%) 3. Moderate (1-10%)		4. Appreciable (>10%) 5. Complete (in all proportions)	
Appearance and Odor: Clear to white solid unless dyed. Odor is characteristic of mineral oil-based lubricant.				
FIRE AND EXPLOSION HAZARD DATA		SECTION IV		
Flash Point (method used): Not Applicable	Flammable Limits: Not Available Lel Uel		Ignition Temp.: Not Available °F °C	

Special Fire and Explosion Hazards: Solid material may burn if exposed to flame. If thermally decomposed, flammable and or toxic gases, including acetaldehyde and petroleum-based hydrocarbons, may be released. Toxic gases such as carbon monoxide and dense black smoke will be formed upon combustion.

Extinguishing Media: Carbon dioxide, foam, dry chemical, water fog

Special Firefighting Procedures: Wear self contained breathing apparatus when fighting fires involving this material. Use water spray or fog to cool exposed containers or equipment. Acetaldehyde, which has an autoignition temperature of 347°F. may form upon thermal decomposition.

TAPE-CRAFT

MANUFACTURER OF NARROW FABRICS

MATERIAL SAFETY DATA SHEET

HEALTH HAZARD DATA	SECTION V
<p>Effects of Overexposure (Acute and Chronic):</p> <p>Inhalation: Textile processing may volatilize portions of the finishes on the polyester web and release mists which can cause respiratory irritation, dizziness and nausea. Melting of web may release acetaldehyde which can cause respiratory irritation, and at high concentrations, drowsiness, narcosis, bronchitis, fatty liver, and lung edema (fluid in the lungs).</p> <p>Skin Contact: Tape-Craft is not aware of any case reports of irritation while processing or using polyester webbing. However, prolonged or repeated contact with petroleum oils may cause various skin disorders such as dermatitis, folliculitis, or oil acne. Skin contact with molten or heated webbing can cause serious burns.</p> <p>Eye Contact: Eye contact may cause irritation. Melting may release acetaldehyde which causes eye irritation.</p> <p>Ingestion: No hazard expected during normal industrial use.</p> <p>Emergency and First Aid Procedures: First aid is not normally required for skin contact. If experiencing irritation, wash skin with soap and water. Contact a physician if irritation persists. In case of skin contact with hot material, immediately immerse in or flush with cold water. Do not attempt to remove the material from the skin. Contact a physician. Upon contact with eyes, flush eyes with plenty of water. Consult a physician if irritation persists. If exposed to fumes, remove victim to fresh air. If breathing becomes labored or irritation develops, seek medical attention. Administer cardiopulmonary resuscitation if breathing is stopped.</p> <p>Medical Conditions Generally Aggravated by Exposure: None known</p> <p>Carcinogenity: NTP? No IARC Monographs? No* OSHA Regulated? No</p> <p>* Acetaldehyde, which may be released during melting of polyester webbing, is an IARC possible human carcinogen (Group 2B).</p>	
REACTIVITY DATA	SECTION VI
<p>Stability: <input type="checkbox"/> Stable <input type="checkbox"/> Unstable Conditions to Avoid: Keep mater away from extreme heat and open flame.</p> <p>Incompatibility (Materials to avoid): Strong acids, alkalies, and oxidizers.</p> <p>Hazardous Decomposition Products: Processing and /or melting may release oil mists, acetaldehyde, and other organic compounds. Combustion will release carbon monoxide and unidentified organic compounds.</p> <p>Hazardous Polymerization: <input type="checkbox"/> May Occur <input type="checkbox"/> Will Not Occur Conditions to Avoid: Not Applicable</p>	
SPILL OR LEAK PROCEDURES	SECTION VII
<p>Steps to be taken in case material is released or spilled: Recover spilled material and place in suitable containers for reuse, recycling, or disposal.</p> <p>Waste Disposal Method: Disposal must be in accordance with applicable federal, state or local regulations. Unless product is contaminated by other materials, the material would be classified as a solid waste and would not be hazardous waste per 40 CFR part 261.</p>	

TAPE-CRAFT

MANUFACTURER OF NARROW FABRICS

MATERIAL SAFETY DATA SHEET

SPECIAL PROTECTION INFORMATION SECTION VIII	
Respiratory Protection (Specify Type): Use NIOSH/MSHA-approved air purifying respirator with organic vapor cartridges if exposure limits are exceeded. Firefighters should wear self-contained breathing apparatuses.	
Ventilation: <input type="checkbox"/> Local Exhaust	Special: Adequate ventilation to control exposures is required when handling
<input type="checkbox"/> Mechanical (General)	Other: hot material.
Protective Gloves: Gloves are required when handling hot material. Use of protective gloves and clothing to minimize skin contact is good industrial practice.	
Eye Protection: None required; however, use of eye protection is good industrial practice.	
Other Protective Equipment: None required.	
SPECIAL PRECAUTIONS SECTION IX	
Precautions to be taken in Handling and Storing: Store away from open flame, heat sources, and strong oxidizers.	
Other Precautions: Wash thoroughly after handling. Do not breathe mists or fumes. Ventilation is recommended to maintain exposures below exposure limits. (See Section II.) Wear supplied air respiratory protection if exposed during fire or if exposed to combustion products.	
ADDITIONAL INFORMATION SECTION X	
Label Warning: Caution: Contains Petroleum Oil. May cause respiratory irritation during thermal processing operations.	
DOT Hazard Classification: Not regulated	DOT Proper Shipping Description: None
EPA Hazardous Substance and Reportable Quantity: Not listed	
RCRA Hazardous Waste: Not listed	
SARA Title III Section 302 Extremely Hazardous Substances: None present	
SARA Title III Section 313 Toxic Chemicals: None present. Acetaldehyde, a Section 313 toxic chemical, may be released during thermal processing operations.	

Legal Disclaimer

While the information herein is believed to be reliable, no guarantee is made as to its accuracy or completeness. The conditions of use, handling, storage, and disposal, and the suitability of the product for particular uses are beyond our control. Consequently, the user assumes all risks involving the use of the product. We expressly disclaim all warranties of every kind and nature, express or implied, including warranties of merchantability and fitness for particular purpose.