TAPE-CRAFT

MANUFACTURER OF NARROW FABRICS

MATERIAL SAFETY DATA SHEET

MANUFACTURER NAME, ADDRESS, AND TELEPHONE NUMBER:

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DATE OF PREPARATION: Created on 1/07/02, Rev. 08/16/11 **CONTACT**: Tim Phillips/John Jennings

TAPE CRAFT MATERIAL IDENTITY: Polypropylene Web (Polyolefin)

MATERIAL DESCRIPTION: Polypropylene webbing containing organic lubricant.

HAZARDOUS INGREDIENTS SECTION II							
CHEMICAL NAME, CAS NUMBER:		IBER:	% BY WT.:		OSHA PEL:		ACGIH TLV:
COMMON NAME(S):					N . =		N . E . IPI I
Polypropylene 9003-07-0 (Polypropylene		95-98			Not Established		Not Established
Homopolymer,							
Polyolefin)							
,,							
PHYSICAL DATA SECTION III							
Boiling Point °F °C	Specific Gravity (H ₂ O=1): 0.91				Vapor Pressure (mmHg): Not Available		
(or range) Not Applicable						At °F °C	
Percent Volatile		Vapor Density (Air=1): Not Available				Evaporation Rate: Not Applicable	
By Volume (%): <2		At °F °C				(=1):	
Volatile Organic Compounds:		pH at full strength: Not Applicable				Melting Point °F °C	
<2%		At recommended dilution:				(or range) Approximately 165°C	
Solubility in Water:	1. Negligible (
1. Negligible	2. Slight (0.1-						
		3. Moderate (1-1			·10%)		
Appearance and Odor: Clear to white solid unless dyed. No odor.							
FIRE AND EXPLOSION HAZARD DATA SECTION IV							
Flash Point (method used):		Flammable Limits: Not Available			Ignition Temp.:		
>221°C, 430°F (COC)		Lel Uel			>260°C (500°F)		

Special Fire and Explosion Hazards: Solid material may burn if exposed to flame. If thermally decomposed, flammable and or toxic gases, including saturated and unsaturated hydrocarbons, aldehydes, ketones, and alcohols 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 a self contained breathing apparatus when fighting fires involving this material. Use water spray or fog to cool exposed containers or equipment. Flammable and toxic vapors form upon thermal decomposition at temperatures greater than 122°F (50°C).



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HEALTH HAZARD DATA

SECTION V

Effects of Overexposure (Acute and Chronic):

Inhalation: Melting or thermal processing of polypropylene web at temperatures greater than 350°F may release vapors which can cause respiratory irritation of the mucous membranes and respiratory tract, and at high concentrations, may result in delayed pulmonary edema (fluid in the lungs). Thermal decomposition at temperatures between 122°F and 392°\f can release hydrocarbons, aldehydes, ketones, alcohols, carboxylic acid which may affect the central nervous and respiratory systems. Thermal decomposition (burning of the polymers will release carbon monoxide and other toxic gases which can result in carboxyhemoglobinemia and asphyxiation.

Skin Contact: Tape-Craft is not aware of any case reports of irritation while processing or using Polypropylene Webbing. However, skin contact with molten or heated web can cause serious burns.

Eye Contact: Eye contact may result in irritation. Melting polymer and thermal decomposition may release vapors and gases which may cause eye irritation.

Ingestion: No hazard expected during normal industrial use.

Emergency and First Aid Procedures: First aid is not normally required for skin contact. 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.

Medical Conditions Generally Aggravated by Exposure: None known.

Carcinogenity: NTP? No IARC Monographs? No OSHA Regulated? No

REACTIVITY DATA

SECTION VI

Stability: Stable Unstable Conditions to Avoid: Keep material away from extreme heat and open flame.

Incompatibility (Materials to avoid): Strong oxidizers such as chlorine, nitric acid, and perchloric acid.

Hazardous Decomposition Products: Thermal processing and/or melting may release hydrocarbons, aldehydes, ketones, alcohols, carboxylic acids, and other organic compounds Combustion will release carbon monoxide and unidentified organic compounds.

Hazardous Polymerization: ☐ May Occur ☐ Will Not Occur Conditions to Avoid: Not Applicable

SPILL OR LEAK PROCEDURES

SECTION VII

Steps to be taken in case material is released or spilled: Recover spilled material and place in suitable containers for reuse, recycling, or disposal.

Waste Disposal Method: Disposal must be in accordance with applicable federal, state or local regulations. Unless product is contaminated by other material, the material would be classified as a solid waste and would not be haazardous waste per 40 CFR part 261.



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SPECIAL PROTECTION INFORMATION SECTION VIII

Respiratory Protection (Specify Type): Use of NIOSH – approved respirators recommended when handling hot

material. Firefighter should wear self-contained breathing apparatuses.

Ventilation: ☐ Local Exhaust Special: Adequate ventilation to control exposures is required when

☐ Mechanical (General) Other handling 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 vapors or fumes. Ventilation is recommended to maintain exposures below exposure limits and when handling hot material. Wear supplied air respiratory protection if exposed during fire or if exposed to combustion products.

ADDITIONAL INFORMATION SECTION X

Label Warning: Caution: 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

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.

