

TDI-Duraflex Strips

**MATERIAL SAFETY DATA SHEET (MSDS)  
CHEMICAL PRODUCT AND COMPANY INFORMATION**

**PRODUCT ID: ELASTIC TAPES**

**GENERIC DESCRIPTION: POLYURETHANE TAPES**

**PRODUCT USE: REPLACEMENT FOR NATURAL RUBBER (LATEX)**

**FOR ELASTICIZING APPLICATIONS**

**MSDS PREPARED BY:**

**DR. MELVIN A. LIPSON, CEO - MELTEX, INC.**

**ChemTroc Emergency  
1-800-424-9300**

**2. COMPOSITION/INFORMATION ON INGREDIENTS**

COMMON NAME	Polyurethane	98% MINIMUM
NON-HAZARDOUS AND OTHER INGREDIENTS BELOW REPORTABLE LEVELS	Proprietary	Balance

**3. HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW: DURING HANDLING AND USE, PRODUCT CAN CAUSE STATIC DISCHARGE. IN THE PRESENCE OF FLAMMABLE MATERIALS, A FIRE AND/OR EXPLOSION MAY OCCUR. MOLTEN MATERIAL MAY CAUSE THERMAL EYE BURNS. MOLTEN MATERIAL MAY CAUSE THERMAL SKIN BURNS. VAPORS PRODUCED BY EXTREME HEATING OF MATERIAL MAY CAUSE RESPIRATORY TRACT IRRITATION. DO NOT INGEST.**

**PRIMARY ROUTES OF EXPOSURE: EYE, SKIN.**

**EYE CONTACT: NON-IRRITATING. MOLTEN MATERIAL CAN CAUSE THERMAL BURNS.**

**SKIN CONTACT: NON-IRRITATING. MOLTEN MATERIAL CAN CAUSE THERMAL BURNS.**

**INHALATION (BREATHING): NOT HAZARDOUS IN NORMAL USE.**

**INGESTION (SWALLOWING): NOT HAZARDOUS IN NORMAL USE.**

**TARGET ORGANS/CHRONIC EFFECTS: NOT KNOWN.**

**CONDITIONS AGGRAVATED BY EXPOSURE: EXPOSURE TO THIS PRODUCT IS NOT EXPECTED TO CONTRIBUTE, WORSEN OR AGGRAVATE ANY PRE-EXISTING MEDICAL CONDITIONS.**

**ARCINOGENICITY:** NO REGULATED INGREDIENTS.

#### **4. FIRST AID MEASURES**

**EYE CONTACT:** Eye contact will not normally cause any problems. In the event of irritation, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention.

**SKIN CONTACT:** Skin contact will not normally cause any problems. In the event of irritation, immediately flush with or immerse affected skin in large amounts of cold water, cover with gauze and get prompt medical attention.

**INHALATION (Breathing):** Medical attention is not normally required.

**INGESTION (Swallowing):** Medical attention is not normally required.

**NOTES TO PHYSICIANS:** Special medical treatment is not normally required.

#### **5. FIRE FIGHTING METHODS**

**Flash Point:** 200 F/93.3 C

**Explosive Limits: LEL (%)** Not Determined; **UEL (%)** Not Determined

**Autoignition:** Not Determined

**HAZARDOUS COMBUSTION AND DECOMPOSITION PRODUCTS:** Smoke, soot and toxic/irritating fumes (i.e., carbon dioxide, carbon monoxide, etc.); Oxides of nitrogen. Amines.

**FIRE AND EXPLOSION HAZARDS:** During a fire, irritating and highly toxic gases may be generated during combustion or decomposition. Winding or unwinding of tape may generate static electricity which could be sufficient to cause fires in the presence of flammable materials or solvents. Equipment should be provided with a means of dissipating any charges that may develop.

**EXTINGUISHING MEDIA:** **SMALL FIRES:** Foam, Carbon Dioxide, Dry Chemical, Water Spray.  
**LARGE FIRES:** Foam, Water Spray, Fog

**FIRE FIGHTING PROCEDURES/EQUIPMENT:** Fire fighters and others who may be exposed to the products of combustion should be equipped with NIOSH-approved positive pressure self-contained breathing apparatus (SCBA) and full protective clothing.

#### **6. ACCIDENTAL RELEASE MEASURES**

**EVACUATION:** No special procedures are usually necessary.

**CONTAINMENT:** No special procedures are usually necessary.

**COLLECTION AND DISPOSAL:** No special procedures are usually necessary. Dispose of according to applicable local, state and federal regulations.

**REPORTING:** No regulated ingredients to be reported.

## **HANDLING AND STORAGE**

- STORAGE TEMPERATURE:** 120 F/48.8 C in order to preserve the optimum physical properties of material.
- STORAGE CONDITIONS:** Store in cool, dry, well ventilated area in order to preserve the optimum physical properties of material.
- TRANSFER:** No special precautions are needed for transfer of rolls of material. The winding and unwinding of tape should be done with equipment that is provided with a means of dissipating any possible buildup of static electricity.
- PERSONAL HYGIENE:** As with any foreign material, one should wash the hands thoroughly after contact and prior to eating, drinking, smoking or using restroom facilities.
- EMPTY CONTAINER PRECAUTIONS:** Containers and outer wraps for this material should not be reused for food, clothing or other products for human or animal consumption or where skin contact can occur.

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **EXPOSURE GUIDELINES:**

ACGIH - TLV - No regulated ingredients.

THA - PEL - No regulated ingredients.

**ENGINEERING CONTROLS/VENTILATION:** No special precautions other than normal ventilation required.

**EYE PROTECTION:** Safety glasses or goggles should be worn in an industrial environment.

**SKIN PROTECTION:** No special precautions required.

**RESPIRATORY PROTECTION:** Not required with normal use unless process creates fibers or dust.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance:	Pale yellow to white transparent/translucent film
Physical State:	Film or tape
pH:	Not Applicable
Specific Gravity:	1.3
Odor:	Odorless
Solubility:	Insoluble in water and most solvents
VOC Material:	Not Determined
% Non-Volatiles (w/w):	100

Note: The physical data presented above are typical values and should not be construed as a specification.

## **10. STABILITY AND REACTIVITY**

**CHEMICAL STABILITY:** Stable under normal conditions of use.

**HAZARDOUS POLYMERIZATION:** Will not occur.

**CONDITIONS TO AVOID:** Not applicable.

**INCOMPATIBILITY WITH OTHER MATERIALS:** Oxidizers, Acids.

#### 11. TOXICITY INFORMATION

No data available. No known toxicity.

#### 12. ECOLOGICAL INFORMATION

No data is known to be available on this product.

#### 13. DISPOSAL CONSIDERATIONS

**DISPOSAL:** Dispose in accordance with all local, state and federal regulations.

**GENERAL STATEMENTS:** Federal regulations may apply to empty containers. State and/or local regulations may be different.

**GENERAL RECOMMENDATIONS:** Of the methods of disposal currently available, it is recommended that an alternative be selected according to the following order of preference, based upon environmental acceptability: (1) recycle or rework, if feasible; (2) incinerate at an authorized facility; or (3) treat at an acceptable waste treatment facility.

**SPECIAL INSTRUCTIONS:** Be sure to contact the appropriate government environmental agencies if further guidance is required.

#### 14. TRANSPORT INFORMATION

Weight (lb)	Meltex 636 Elastic Tape	49 CFR	IATA	IMO
	Non-regulated	Y	Y	Y

DOT Label:	Not applicable	UN/NA ID Number:	Not applicable
DOT Label No:	L190	WHMIS Label:	LCAN

#### 15. REGULATORY INFORMATION

##### FEDERAL:

This product is not considered hazardous by OSHA Hazard Communication Standard.

SARA Title III - Section 311/312 - Hazard Categories:

N - Fire Hazard

N - Sudden Release of Pressure Hazard

N - Reactivity Hazard

N - Immediate (acute) Health Hazard

N - Delayed (chronic) Health Hazard

zone-Depleting Chemicals - No regulated ingredients.

SARA Section 302 Extremely Hazardous Material - No regulated ingredients.

SARA Section 313 Toxic Chemicals - No regulated ingredients.

**CHEMICAL LISTING** - Listed on the following Country's Chemical Inventories:

United States Toxic Substance Control Act (TSCA)

Chemical component(s) in this product are on the section 8 (b) Chemical Substance Inventory List (40 CFR 710).

**STATE RIGHT-TO-KNOW:**

Pennsylvania - New Jersey R-T-K

Non-hazardous trade secret ingredient(s)

Proprietary Balance

California - California Proposition 65 - No regulated ingredients.

CONEG - No data available.

CANADA - Not a controlled product.

CEPA - NPRI - No regulated ingredients.

### **7. OTHER INFORMATION**

**USER'S RESPONSIBILITY:** A bulletin such as this cannot be expected to cover all possible individual situations. As the user has the responsibility to provide a safe workplace, all aspects of an individual operation should be examined to determine if, or where, precautions - in addition to those described herein - are required. Any health hazard and safety information herein should be passed on to your customer or employees, as the case may be.

**DISCLAIMER OF LIABILITY:** The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. All chemicals and chemical products present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist. Final determination of suitability of the product is the sole responsibility of the user. No representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose or any other nature are made hereunder with respect to the information contained herein or the product to which the information refers. It is the responsibility of the user to comply with all applicable federal, state and local laws and regulations.

**End of Material Safety Data Sheet**