

## 1. PRODUCT AND COMPANY IDENTIFICATION

Company

Southern Metal & Plastic Products  
3400 Treecourt Industrial Blvd  
St. Louis, MO 63122

636 225 9400

24 Hour Emergency Response Information

CHEM - TEL: 1-800-255-3924

Product Name: Mistaflex H7900  
Product use/class: Urethane Form Liner Part A

## 2. COMPOSITION/ INFORMATION ON INGREDIENTS

<u>Item</u>	<u>CAS Number</u>	<u>Content(WT/WT%)</u>	<u>Chemical Name</u>
01	101-68-8	70%	Methylene Bisphenyl Isocyanate

<u>Item</u>	ACGIH		EXPOSURE LIMITS OSHA	
	<u>TLV-TWA</u>	<u>TLV-STEL</u>	<u>PEL-TWA</u>	<u>PEL-CEILING</u>
01	0.005 PPM	0.02 PPM	0.02 PPM	0.005 PPM

## 3. PHYSICAL / CHEMICAL CHARACTERISTICS

SPECIFIC GRAVITY: 1.21

Solubility in Water: **REACTS**

Appearance and Odor: **VISCOUS LIQUID WITH MILD ODOR**

## 4. FIRE AND EXPLOSION DATA

**Flash Point (Method Used)** : >300°F (PMCC)

**Extinguishing Media:** CARBON DIOXIDE, DRY CHEMICAL, FOAM

**Special Fire Fighting Procedures:** POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING

**Unusual Fire and Explosion Hazards:** EXCESSIVE EXPOSURE TO HEAT MAY CAUSE CONTAINER TO RUPTURE.

## 5. REACTIVITY DATA

**Conditions to Avoid: AVOID TEMPERATURES GREATER THAN 120°F OR BELOW 50°F**

**Incompatibility (Materials to Avoid): WATER, ACID, BASE, ALCOHOLS, METAL COMPOUNDS, SURFACE ACTIVE MATERIALS.**

**Hazardous Decomposition or Byproducts: ISOCYANATE VAPOR AND MIST, OXIDES OF CARBON AND NITROGEN, TRACES OF HCN**

**Hazardous Polymerization may occur. Conditions to Avoid: CONTAMINATION BY MOISTURE OR OTHER MATERIALS THAT REACT WITH ISOCYANATES.**

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## 6. HEALTH HAZARD DATA

**ROUTES OF ENTRY: INHALATION, SKIN AND INGESTION**

### **HEALTH HAZARDS (Acute and Chronic):**

**EYES:** IRRITATION, TEARING, REDDENING, SWELLING.

**SKIN:** IRRITATION, REDDENING, SWELLING, RASH, SCALING, BLISTERING.

**INHALATION:** IRRITATION OF NOSE, UPPER RESPIRATORY TRACT AND LUNGS, RUNNY NOSE, SORE THROAT, COUGHING, CHEST DISCOMFORT, SHORTNESS OF BREATH

**INGESTION:** IRRITATION AND CORROSIVE ACTION IN THE MOUTH, STOMACH TISSUE AND DIGESTIVE TRACT.

### **SIGNS AND SYMPTOMS OF EXPOSURE:**

**EYES:** IRRITATION, TEARING, REDDENING, SWELLING.

**SKIN:** IRRITATION REDDENING, SWELLING, RASH, SCALING, BLISTERING.

**INHALATION:** IRRITATION OF NOSE, UPPER RESPIRATORY TRACT AND LUNGS, RUNNY NOSE, SORE THROAT, COUGHING, CHEST DISCOMFORT, SHORTNESS OF BREATH.

**INGESTION:** SORE THROAT, ABDOMIAL PAIN, NAUSEA, VOMITING, DIARRHEA

### **MEDICAL CONDITIONS GENERAL AGGRAVATED BY EXPOSURE:**

ASTHMA, BRONCHITIS, EMPHYSEMA, BRONCHIAL HYPERREACTIVITY, SKIN ALLERGIES, ECZEMA

### **EMERGENCY FIRST AID PROCEDURES:**

**EYES:** IRRIGATE WITH FLOWING WATER IMMEDIATELY AND CONTINUOUSLY FOR 15 MINUTES. CONSULT MEDICAL PERSONNEL

**SKIN:** WASH OFF IN FLOWING WATER OR SHOWER.

**INGESTION:** DO NOT INDUCE VOMITING. GIVE 1 TO 2 CUPS OF MILK OR WATER TO DRINK. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. CONSULT PHYSICIAN

**INHALATION:** REMOVE TO FRESH AIR. IF NOT BREATHING GIVE MOUTH TO MOUTH RESUSCITATION. CALL A PHYSICIAN

#### **Cleanup:**

No information

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## 7. PRECAUTIONS FOR SAFE HANDLING AND USE

### **Steps to be taken in case material is released or spilled.**

PROPERLY PROTECTED PERSONNEL SHOULD CONTAIN AND COVER SPILL WITH ADSORBENT MATERIAL. PLACE IN OPEN CONTAINER. REMOVE TO WELL VENTILATED AREA AND DILUTE WITH AMMONIA SOLUTION (WATER 90% NH<sub>4</sub>OH 8% DETERGENT 2%) LEAVE VENTILATED 24 HOURS.

### **DISPOSAL**

DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

### **STORAGE AND HANDLING**

AVOID MOISTURE CONTAMINATION  
AVOID RAPID OR EXCESSIVE HEAT

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## 8. CONTROL MEASURES

### **Personal Protective Equipment**

#### **Respiratory protection:**

USE NIOSH APPROVED RESPIRATORY PROTECTION IF TLV/PEL EXCEEDED.

VENTILATION: LOCAL EXHAUST PREFERRED

#### **Skin protection:**

PROTECTIVE GLOVES PREFERRED

#### **Eye protection:**

CHEMICAL SAFETY GOGGLES

#### **Other protective equipment:**

EYE BATH AND SAFETY SHOWER

#### **General safety and hygiene measures:**

WASH HANDS BEFORE EATING AND SMOKING. DO NOT SMOKE IN AREA. KEEP CONTAINERS CLOSED. USE WITH ADEQUATE VENTILATION. DO NOT ENTER STORAGE AREA UNLESS ADEQUATELY VENTILATED.