



1. PRODUCT AND COMPANY IDENTIFICATION

Company

The Greenstreak Group
3400 Treecourt Industrial Blvd
St. Louis MO 63122
636 225 9400

24 Hour Emergency Response Information

CHEMTREC- 800 424 9300

314 872 8700



Product Identification:
Marchem Mistaflex H7900

Greenstreak Product: Elastomeric Urethane Formliner (Part A)

2. HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

Hazardous Components	OSHA PEL	ACGIH TLV1 TWA	NIOSH REL TWA
Methylene Bisphenyl Isocyanate (70%) CAS # 101-68-8	0.02 PPM CEILING	0.005 PPM TWA	0.005 PPM TWA 0.022 PPM CEILING

3. PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point – NA
Vapor Pressure – NA
Vapor Density – NA
Specific Gravity – 1.21
Melting Point – NA
Evaporation Rate – NA
Solubility in Water – REACTS
Appearance and Odor – VISCOUS LIQUID WITH MILD ODOR

4. FIRE AND EXPLOSION HAZARD DATA

Flash Point: > 300F (PMCC)
Flammable Limits: LEL: NA UEL:NA
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

Stability: STABLE

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



AVOID CONTAMINATION BY MOISTURE OR OTHER MATERIALS
THAT REACT WITH ISOCYANATES

Incompatibility: WATER, ACID, BASE, ALCOHOLS, METAL COMPOUNDS, SURFACE
ACTIVE MATERIALS

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

Hazardous Polymerization: WILL NOT OCCUR

6. HEALTH HAZARD DATA

Skin Exposure: YES

Inhalation: YES

Ingestion: YES

Health Hazards:

EYES: IRRITATION, TEARING, REDDENING, SWELLING, POSSIBLE CORNEAL DAMAGE.

SKIN: IRRITATION, ALLERGIC REACTION, STAINING.

INHALATION: RESPIRATORY SENSITIZATION, 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.

Carcinogenity: NO

NTP: NO

IARC Monographs: N O

OSHA Regualted: NO

Signs and Symptoms of Exposure:

EYES: IRRITATION, TEARING, REDDENING AND 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, ABDOMINAL PAIN, NAUSEA, VOMITING, DIARRHEA.

Medical Conditions Generally Aggravated by Exposure: ASTHMA, BRONCHITIS, EMPHYSEMA,
BRONCHIAL HYPERREACTIVITY, SKIN ALLERGIES, ECZEMA

Emergency and First Aid:

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.



7. PRECAUTIONS FOR SAFE HANDLING AND USE

IN CASE OF SPILL:

PROPERLY PROTECTED PERSONNEL SHOULD CONTAIN AND COVER SPILL WITH ABSORBENT MATERIAL. PLACE IN OPEN TOP CONTAINER, REMOVE TO WELL VENTILATED AREA AND DILUTE WITH AMMONIA SOLUTION (WATER 90% NH₄OH8%, DETERGENT 2%) LEAVE VENTILATED 24 HOURS.

WASTE DISPOSAL METHOD:

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

PRECAUTIONS FOR HANDLING AND STORAGE:

AVOID MOISTURE CONTAMINATION.

OTHER PRECAUTIONS:

AVOID RAPID OR EXCESSIVE HEAT

8. CONTROL MEASURES

Respiratory Protection: USE NIOSH APPROVED RESPIRATORY PROTECTION IF TLV/PEL EXCEEDED.

Ventilation

Local Exhaust: PREFERRED

Special: NA

Mechanical: TO MAINTAIN BELOW TLV/PEL

Other: NA

Protective Gloves: PREFERRED

Eye Protection: CHEMICAL SAFETY GOGGLES

Other Protective Equipment or Clothing: EYE BATH AND SAFETY SHOWER

Work/ Hygienic Practices: 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.



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Product Identification:

Marchem Mistaflex S9684-80

Greenstreak Product: Ultracast Urethane Formliner (Part B)

2. HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

Hazardous Components	OSHA PEL TWA	ACGIH TLV1 TWA	NIOSH REL TWA CEILING Ca
CARBON BLACK CAS # 1333-86-4	3.5mg/m3 TWA	3.5mg/m3 TWA	3.5mg/m3 TWA 0.022 PPM CEILING
TITANIUM DIOXIDE CAS # 13463-67-7	*15mg/m3 TWA *total dust	10 mg/m3 TWA	Ca

WARNING: This product contains a chemical known to the State of California to cause cancer, or birth defects, or other reproductive harm.

3. PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point – NA
Vapor Pressure – NA
Vapor Density – NA
Specific Gravity – 1.10
Melting Point – NA
Evaporation Rate – NA
Solubility in Water – NA
Appearance and Odor – BLACK VISCOUS LIQUID WITH MILD ODOR

4. FIRE AND EXPLOSION HAZARD DATA

Flash Point: > 300F (PMCC)
Flammable Limits: LEL: NA UEL:NA
Extinguishing Media: CO2, FOAM, DRY CHEMICAL, WATER FOG



Special Fire Fighting Procedures: FULL PROTECTIVE EQUIPMENT INCLUDING SELF CONTAINED BREATHING APPARATUS SHOULD BE USED.

Unusual Fire and Explosion Hazards: CLOSED CONTAINERS MAY DEVELOP PRESSURE BUILD UP

5. REACTIVITY DATA

Stability: STABLE

Conditions to Avoid: NA

Incompatibility: STRONG ACIDS

Hazardous Decomposition or Byproducts: OXIDES OF CARBON

Hazardous Polymerization: WILL NOT OCCUR

6. HEALTH HAZARD DATA

Skin Exposure: YES

Inhalation: YES

Ingestion: YES

Health Hazards:

MAY CAUSE SKIN OR EYE IRRITATION

Carcinogenity: NO

NTP: NO

IARC Monographs: N O

OSHA Regualted: NO

Signs and Symptoms of Exposure:

SKIN OR EYE IRRITATION

Medical Conditions Generally Aggravated by Exposure: NA

Emergency and First Aid:

EYE CONTACT: FLUSH WITH WATER FOR 15 MINUTES, CONSULT PHYSICIAN

SKIN CONTACT: REMOVE CONTAMINATED CLOTHING. WASH AREA WITH SOAP AND WATER.

INGESTION: SEEK MEDICAL HELP IMMEDIATELY

INHALATION: REMOVE TO WELL VENTILATED AREA.

7. PRECAUTIONS FOR SAFE HANDLING AND USE

IN CASE OF SPILL:

CONTAIN AND REMOVE WITH INERT ABSORBENT. COLLECT FOR PROPER DISPOSAL



WASTE DISPOSAL METHOD:

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

PRECAUTIONS FOR HANDLING AND STORAGE:

AVOID TEMPERATURES GREATER THAN 120F AND BELOW 50F

OTHER PRECAUTIONS:

DO NOT INCINERATE CLOSED CONTAINERS

8. CONTROL MEASURES

Respiratory Protection: NIOSH APPROVED RESPIRATORY PROTECTION IF TLV/PEL EXCEEDED.

Ventilation

Local Exhaust: PREFERRED

Special: NA

Mechanical: NA

Other: NA

Protective Gloves: USE TO AVOID SKIN CONTACT

Eye Protection: SAFETY GLASSES OR GOGGLES

Other Protective Equipment or Clothing: EYE BATH AND SAFETY SHOWER

Work/ Hygienic Practices: 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.