



MATERIAL SAFETY DATA SHEET

3735 GREEN ROAD  
BEACHWOOD, OHIO 44122-8068

TELEPHONE: (216)292-5000

EMERGENCIES: (216)765-6727 8:30-5:00 EST  
AFTER HOURS: CHEMTREC (800)424-9300

SECTION 1

Order Code: 505345 503

Product Name: TPA ROOF MEMBRANE  
Chemical Name:  
Chemical Family: Roofing Membrane  
Product Code: 505-360 Date Prepared: 19-MAR-01  
MSDS Preparer: R.A.MIKOL Replaces Date: 15-MAY-97

Other Applications:

This Material Safety Data Sheet (MSDS) also applies to 505-340,-345,-360,  
-380 (TPA Field Sheet), 505-242,-247,-262,-282 (TPA Perimeter Sheet),  
505-255 (TPA Unreinforced Membrane), 505-220 (TPA Universal Corners),  
505-210,-215 (TPA Boots), 505-230 (TPA Coated Metal), 505-440,-445,-450,  
-460,-480 (TPA Fleece Back Field Sheet)

Section 2 - Molecular Composition

Common Name and Chemical Name Exposure Limits	Weight %	CAS Number
10,10' OXYBISPHENOARSINE	1.0-2.0	58-36-6
OSHA:TWA - STEL -		
ACGIH:TWA - STEL -		

Section 3 - Hazards Identification

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Emergency Overview:

White on grey polyester reinforced or non-reinforced tri-polymer alloy  
membrane with or without fleece backing, or non-reinforced tri-polymer  
alloy membrane on metal. No known health effects.

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Potential Hlth Effect/Rte of Entry:

Inhalation:  
Not Applicable  
Eyes:  
Not Applicable  
Ingestion:  
Not Applicable  
Skin:  
Not Applicable

Aggravated Medical Conditions:  
Not Applicable

Acute Health Effects:  
Not Applicable

Chronic Health Effects:  
No known effects from long term exposure. Fillers are encapsulated and  
not expected to be released from product under normal conditions of use.

Section 4 - First Aid Measures

Inhalation:  
Not Applicable  
Eyes:  
Not Applicable  
Ingestion:  
Not Applicable  
Skin:  
Not Applicable  
Notes to Physician: N/A

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Section 5 - Fire Fighting Measures  
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Flash Point: N/A  
Method: N/A  
Lower Flammability Limit: N/A  
Upper Flammability Limit: N/A  
Autoignition Temperature: N/E  
Extinguishing Media:  
If water fog is ineffective, use carbon dioxide, dry chemical or foam.  
Fire and Explosion Hazards:  
Hydrogen chloride and carbon monoxide.  
Special Fire Fighting Procedures:  
During a fire, personnel at the scene are to prevent exposure to fumes  
using accepted fire fighting techniques.  
Fire Fighting Equipment: N/A  
Other Precautions:  
Not Applicable

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Section 6 - Accidental Release Measures  
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Release Response Overview:  
Not Applicable

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Section 7 - Handling and Storage  
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Handling and Storage Precautions:  
Store under normal warehouse conditions. Handle in compliance with common  
hygienic practices.

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Section 8 - Exposure Controls/Personal Protection  
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Respiratory:  
Not Applicable  
Skin:  
Protect hands with suitable gloves.  
Eyes:  
Wear suitable safety eyewear.  
Face:  
Not Applicable  
Engineering:  
Not Applicable

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Section 9 - Physical and Chemical Properties  
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Odor/Appearance: SLIGHT/WHITE/GREY REINFORCED MEMBRANE  
Color: WHITE/GREY  
Physical State: SOLID  
pH: N/A  
Vapor Pressure: N/A  
Vapor Density: N/A  
Boiling Point: N/A  
Melting Point: 350F  
Freezing Point: N/E  
Solubility in Water: INSOLUBLE  
Specific Gravity: 1.0  
% Volatile Weight: 0.0

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Section 10 - Reactivity/Stability  
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Stability:

Not Applicable  
Incompatible Products:  
Not Applicable  
Conditions to Avoid Polymerization:  
Not Applicable

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Section 11 - Toxicological Information  
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Eyes: SEE SECTION 3  
Ingestion: " " "  
Inhalation: " " "  
Skin: " " "  
Subchronic: " " "  
Chronic: " " "

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Section 12 - Ecological Information  
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Ecotoxicological Data: N/A  
Chemical Fate: N/A

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Section 13 - Disposal Considerations  
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RCRA Class: N/A  
Disposal Method:  
Not regulated by RCRA. Dispose of in compliance with state and local  
regulations.  
EPA Reportable Quantities  
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N/A

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Section 14 - Transportation Data  
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DOT Shipping Name: MOT REGULATED  
DOT Hazard Class: NOT APPLICABLE  
DOT Label:  
UN/NA Number: N/A  
Packing Group:  
Special Provisions:  
Packaging

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Exceptions:  
Non-Bulk:  
Bulk:

Quantity Limitations  
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Passenger Aircraft or Railcar:  
Cargo Aircraft:  
Vessel Stowage Requirements  
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Vessel Stowage:  
Other Stowage:  
Transportation Notes: N/A

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Section 15 - Regulatory Information  
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TSCA Status: Not Applicable - "Article"  
OSHA Status: N/A  
OSHA Hazardous Components  
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No OSHA Hazardous Components

Compliance Quantities

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No Compliance Quantities

SARA 311 Ratings

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Immediate Health Hazard: N  
Delayed Health Hazard: N  
Fire Hazard: N  
Reactivity Hazard: N  
Sudden Release of Pressure Hazard: N

SARA 313 Ingredients

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No SARA 313 Ingredients

Proposition 65 Ingredients

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No Proposition 65 Ingredients

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Section 16 - Other Information

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FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN.  
THE HAZARD INFORMATION HEREIN IS OFFERED SOLELY FOR THE CONSIDERATION  
OF THE USER, SUBJECT TO HIS OWN INVESTIGATION OF COMPLIANCE WITH APPLICABLE  
REGULATIONS, INCLUDING THE SAFE USE OF THE PRODUCT UNDER EVERY FORESEEABLE  
CONDITION.