



5120 Investment Dr.  
Fort Wayne, IN 46808  
260-426- 2474  
260-426-2475  
Revised January 3rd, 2008

**MATERIAL SAFETY DATA SHEET**  
**MP55310/Dura-Seal 310 PART A (RESIN)**

HMIS HEALTH 2 FLAMMABILITY 3 REACTIVITY 2  
NFPA HEALTH 2 FIRE HAZARD 3 REACTIVITY 2

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1. **Chemical Product Name:** MP55310IMP55360  
**PART A (RESIN)**

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2. **Identity of Ingredients**

Ingredients	CAS No.	OSHA PEL	ACGIH TLV	Other Limits	%Composition
Methyl Methacrylate	80-62-6	100ppm	<sup>5</sup> OPPin	100ppm (Canada)	35.55
Chlorosulfonated Polyethylene	68037-39-8	N.E.	N.E.	N.E. N.E.	20.30
Maleic Acid	110-16-7	N.E.	N.E.	2ppm (Canada)	5-15
Carbon Tetrachloride	56-23-5	<sup>10</sup> Pfsn	5PPnl		<0.5

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3. **Physical/Chemical Characteristics**

**Boiling Point:** 214F for MIVIA  
**Specific Gravity S 25°C:** 0.94-1.0  
**Vapor Pressure:** 29mm 5 20°C  
**Melting Point:** N/D  
**Vapor Density:** >1, 3.5 for MMA  
**Evaporation Rates:** N/D  
**Solubility in Water:** Slight  
**Appearance and Odor:** Light gel, pungent, acrylic odor.  
**V.O.C. Content:** < 50 g/l. (Mixed)

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4. **Fire and Explosion Hazard Data**

**Flash Point:** 51 °F (TCC)  
**Flammable Limits:** LEL=2.1 for MMA UEL=12.5 for MMA  
**Extinguishing Media:**  
**Special Fire Fighting Procedures:** Flammable liquid, insoluble in water. Use dry chemical powder.  
**Unusual Fire and Explosion Hazards:** Wear self contained breathing apparatus and full turnout gear.  
None Known

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5. **Reactivity Data**

**Stability:** Stable  
**incompatibility:** Oxidizers, acids, bases, uv radiation, amines.  
**Hazardous Polymerization:** May occur. Excessive aging ancitor heat, polymerization catalysts, oxygen-free atmosphere, inhibitor depletion, direct sunlight.  
**Conditions to Avoid:** None known  
**Hazardous Decomposition:** Carbon and nitrogen oxides, hydrogen cyanide, methylene bisphenyt isocyanate, hydrocarbons.

MATERIAL SAFETY DATA SHEET  
MP55310/Dura-Seal 27 PART A

6. Health Hazard Data

Routes of Entry:	Inhalation and Skin
Health Hazards:	(Inhalation) Moderate respiratory tract irritation. Shortness of breath. Coughing. (Skin) Allergic skin reaction. Itching. Moderate skin irritation. Redness. (Eyes) Moderate eye Irritation. Redness. Excess tearing. (Ingestion) Not likely to be a relevant route of exposure.
Carcinogenicity:	
NTP:	No
IARM	NIA
OSHA:	Not an OSHA-Regulated Carcinogen.
Signs and Symptoms of Exposure	(Eyes) Redness, swelling, tearing, and hazy vision. (Skin) Redness, swelling, and itching. (Inhalation) Soreness of the nose and throat, and coughing.
Medical Conditions Aggravated by Exposure:	Preexisting eye, respiratory, and skin disorders may be aggravated by exposure.
Emergency First Aid Procedures:	(inhalation) Remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing. Get medical attention. (Skin contact) Wash thoroughly with soap and water. Discard contaminated clothing. Do not use organic solvents. If irritation occurs, get medical attention. (Eye contact) Immediately flush eyes with water for at least 20 minutes. Get immediate methcal attention. (Ingestion) Give 1-2 glasses of milk or water to conscious person. Get immediate medical attention. DO NOT INDUCE VOMITING

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7. Control and Protective Measures

Venti	Use ventilation that is adequate to <b>keep</b> exposure to airborne concentrations below exposure limits.
Eye & Face Protection:	Wear safety glasses.
Skin Protection:	Chemical-resistant rubber as needed to prevent skin contact.
Respiratory Protection:	A NOISHIMSHA air purifying respirator with organic vapor cartridge may be permissible as exposure levels dictate.

8. Transportation Information (Not meant to be all inclusive)

D.O.T. (Department of Transportation)	
Shipping Name:	Adhesives
Hazard Class:	3
IDAIN Number:	UN1133
Packing Group:	fl
Label Required:	Flammable liquid

9. Regulatory Information (Not meant to be all inclusive)

TSCA

All ingredients of this product are listed, or are exempt from listing, on the TSCA inventory.

SARA Title III, Section 313

This product does contain the following chemical(s) which are defined as toxic chemicals under and subject to the reporting requirements of, Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

Methyl Methacrylate  
Carbon Tetrachloride

NON WARRANTY. Information contained herein is based on tests we believe to be reliable and accurate. It is offered in good faith for the benefit of the consumer. Adhesive Systems or Silvertree Products shall not be liable for any injury, loss, or damage in the use of its chemical products since the conditions of use are beyond our control. In every case we urge and recommend the user conduct tests to determine to their own satisfaction that the product is of acceptable quality and is suitable for their particular purpose under their own operating conditions. Statements concerning the possible use of our products are not intended as recommendations to use our products in the infringement of any patent. Because of changing reporting requirements and other variables it is impossible to guarantee the accuracy of the information contained in this document. It is the responsibility of the user to determine proper personal protection based on the actual condition of use and to comply with all Federal, State, and Local laws and regulations.



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EMERGENCY PHONE (800) 255-3924  
MATERIAL SAFETY DATA SHEET  
MP55310/Dura-Seal 310 PART B (ACTIVATOR)

HMIS HEALTH 2 FLAMMABILITY 3 REACTIVITY 2  
NFPA HEALTH 2 FIRE HAZARD 3 REACTIVITY 2

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1. Chemical Product Product Flamm MP55310IMP55360 PART B  
(ACTIVATOR)

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2. Identity of Ingredients

Ingredients	CAS No.	OSHA PEL	ACGIH TLV	Other Limits	%Composition
Methyl Methacrylate p(BD/MMA1STY)	80.62-6 25053.09-2	100ppm N.E.	SOPPin N.E.	100ppm (Canada) N.E.	65-85 545

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3. Physical/Chemical Characteristics

Boiling Point:	214F for MMA
Specific Gravity 0 25°C:	1.2.1.3
Vapor Pressure:	29mm 20°C
Melting Point:	NID
Vapor Density:	71, 3.5 for MMA
Evaporation Rate:	HID
Solubility in Water:	Slight
Appearance and Odor:	Light gel, pungent, acrylic odor.
V.O.C. Content:	4 50 Wl. (Mixed)

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4. Fire and Explosion Hazard Data

Flash Point:	51°F (TCC)
Flammable Limits:	LEL-2-1 for MMA UELF12.5 for MMA
Extinguishing Media:	flammable liquid, insoluble in water. Use dry chemical powder.
Special Fire Fighting Procedures:	Wear self contained breathing apparatus and full turnout gear.
Unusual Ere and Explosion Hazards:	None Known

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5. Reactivity Data

Stability:	Stable
Incompatibility:	Oxidizers, acids, bases, uv radiation, amines.
Hazardous Polymerization	May occur. Excessive aging and/or heat, polymerization catalysts, oxygen-free atmosphere, Inhibitor depletion, direct sunlight.
Conditions to Avoid:	None known
Hazardous Decomposition:	Carbon and nitrogen oxides, hydrgen cyanide, methylene bisphenyl Isocyanate, hydrocarbons.

**MATERIAL SAFETY DATA SHEET**  
**MP55310/Dura-Seal 27 PART B (ACTIVATOR)**

**6. Health Hazard Data**

<b>Routes of Entry:</b>	<b>inhalation and Skin</b>
<b>Health Hazards:</b>	<b>(Inhalation) Moderate respiratory tract irritation. Shortness of breath. Coughing.</b> <b>(Skin) Allergic skin reaction. Itching. Moderate skin irritation. Redness.</b> <b>(Eyes) Moderate eye irritation. Redness. Excess tearing.</b> <b>(Ingestion) Not likely to be a relevant route of exposure.</b>
<b>Carcinogenicity:</b>	<b>No</b>
<b>NTP:</b>	<b>N/A</b>
<b>IARM:</b>	<b>Not an OSHA-Regulated Carcinogen.</b>
<b>OSHA:</b>	<b>(Eyes) Redness, swelling, tearing, and hazy vision.</b> <b>(Skin) Redness, swelling, and itching.</b> <b>(Inhalation) Soreness of the nose and throat, and coughing.</b>
<b>Signs and Symptoms of Exposure:</b>	<b>Preexisting eye, respiratory, and skin disorders may be aggravated by exposure.</b> <b>(Inhalation) Remove victim to fresh air and provide oxygen if breathing is difficult.</b> <b>Give artificial respiration if not breathing. Get medical attention.</b> <b>(Skin contact) Wash thoroughly with soap and water. Discard contaminated clothing. Do not use organic solvents. If irritation occurs, get medical attention.</b> <b>(Eye contact) Immediately flush eyes with water for at least 20 minutes. Get</b> <b>(Ingestion) Give 1-2 glasses of milk or water to conscious person. Get immediate medical attention. DO NOT INDUCE VOMITING.</b>
<b>Medical Conditions Aggravated by Exposures</b>	
<b>Emergency First Aid Procedures:</b>	

**7. Control and Protective Measures**

<b>Ventilators</b>	<b>Use ventilation that is adequate to keep exposure to airborne concentrations below exposure limits.</b>
<b>Eye &amp; Face Protections</b>	<b>Wear safety glasses.</b>
<b>Skin Protection:</b>	<b>Chemical-resistant rubber as needed to prevent skin contact.</b>
<b>Respiratory Protection:</b>	<b>A NOISH/MSHA air purifying respirator with organic vapor cartridge may be permissible as exposure levels dictate.</b>

**8. Transportation Information (Not meant to be all inclusive)**

<b>D.O.T. (Department of Transportation)</b>	
<b>Shipping Name:</b>	<b>Adhesives</b>
<b>Hazard Class:</b>	<b>3</b>
<b>ID/UN Number:</b>	<b>UN1133</b>
<b>Packing Group:</b>	<b>II</b>
<b>Label Required:</b>	<b>Flammable Liquid</b>

**9. Regulatory Information (Not meant to be all inclusive)**

**TSCA**  
**All Ingredients of this product are listed, or are exempt from listing, on the TSCA inventory.**

**SARA Title III, Section 313**  
**This product does contain the following chemical(s) which are defined as toxic chemicals under and subject to the reporting requirements of, Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372, Methyl Methacrylate**

**NON WARRANTY:** Information contained herein is based on tests we believe to be minable and accurate. It is offered in good faith for the benefit of the consumer. Adhesive Systems or Silvertree Products shall not be liable for any Injury, loss, or damage In the use of ifs chemical products since the conditions of use are beyond our control. In every case we urge and recommend the user conduct tests to determine to their own satisfaction that the product is of acceptable quality and is suitable for their particular purpose under their own operating conditions. Statements concerning the possible use of our products are not intended as recommendations to use our products In the infringement of any patent. Because of changing reporting requirements and other variables it is impossible to guarantee the accuracy of the information contained in this document. It is the responsibility of the user to determine proper personal protection based on the actual condition of use and to comply with all Federal, State, and local laws and regulations.