

**Protect-All Rapid Weld™ (Part B)**

MSDS Number: 02

Revision Date: 5/12/2014

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**1****PRODUCT AND COMPANY IDENTIFICATION****Manufacturer**

Manufactured Exclusively for Oscoda Plastics®, Inc.

**Vendor**Oscoda Plastics®, Inc.  
5585 North Huron Avenue  
Oscoda, MI 48750**Contact:** Info-Trac  
**Phone:** 1-800-535-5053**Contact:** Info-Trac  
**Phone:** 1-800-535-5053  
**Web:** oscodaplastics.com**Product Name:** Protect-All Rapid Weld™ (Part B)  
**Revision Date:** 5/12/2014  
**Version:** 5  
**MSDS Number:** 02  
**Common Name:** Resin.**2****HAZARDS IDENTIFICATION**

- Route of Entry:** Inhalation, Skin, Eye, Ingestion.
- Target Organs:** The physical and chemical properties of the material suggests that there is no evidence that suggests any specific trageting of organs.
- Inhalation:** Moderate respiratory tract irritation, shortness of breath, coughing.
- Skin Contact:** Moderate skin irritation, allergic skin reaction, itching.
- Eye Contact:** Moderate eye irritation, redness, and excess tearing.
- Ingestion:** Toxicity by ingestion is not likely to occur.

GHS Signal Word:  
WARNING

GHS Hazard Pictograms:

GHS Classifications:  
Physical, Flammable Liquids, 3  
Health, Respiratory or skin sensitization, 1 SkinGHS Phrases:  
H226 - Flammable liquid and vapour  
H317 - May cause an allergic skin reactionGHS Precautionary Statements:  
P103 - Read label before use.  
P233 - Keep container tightly closed.  
P262 - Avoid skin contact and inhalation of vapors.  
P281 - Use personal protective equipment as required.

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P302+350 - IF ON SKIN: Soak in warm soapy water.  
P331 - If swallowed: DO NOT INDUCE VOMITING.  
P410+412 - Avoid strong light. Store between 41-77°F (5-25°C). These products should never be frozen.

Preexisting eye, respiratory, and skin disorders may be aggravated by exposure.

**3 COMPOSITION/INFORMATION ON INGREDIENTS****Ingredients:**

| INGREDIENTS         | CONCENTRATIONS% | CAS #      |
|---------------------|-----------------|------------|
| Methyl Methacrylate | 65-75           | 80-62-6    |
| P(BD/MMA/STY)       | 15-25           | 25053-09-2 |

**4 FIRST AID MEASURES**

**Inhalation:** Move to fresh air, if symptoms continue, seek medical advice.  
**Skin Contact:** Soak in warm soapy 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, seek medical attention.  
**Ingestion:** Get immediate medical attention, DO NOT INDUCE VOMITING.

**5 FIRE FIGHTING MEASURES**

**Flash Point:** 51°F (11°C) (TCC).  
**LEL:** 2.1  
**UEL:** 12.5

Extinguishing Media: Use dry chemical powder. Insoluble in water.  
Special Fire Fighting Procedures: Wear self contained breathing apparatus and full turnout gear.  
Unusual Fire / Explosion Hazards: None.

**6 ACCIDENTAL RELEASE MEASURES**

Ventilate area of spill. Flood area with water to polymerize. Absorb with sand/earth and dispose in accordance with Local, State, and Federal Regulations.

**7 HANDLING AND STORAGE**

**Handling Precautions:** When using large volumes ensure that operational area is well ventilated.  
**Storage Requirements:** Store between 41-77°F (5-25°C); avoid strong light and heat sources. These products should never be frozen. Avoid skin contact and inhalation of vapor.

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| <b>8</b> | <b>EXPOSURE CONTROLS/PERSONAL PROTECTION</b> |
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**Engineering Controls:** Use good general local ventilation when working with this material.  
**Personal Protective Equip:** Eye Protection: Safety goggles/glasses suitable for use with chemicals.  
 Respiratory Protection: Use NIOSH approved respirator if there is a potential to exceed any exposure limit.  
 Skin Protection: Nitrile/polyethylene gloves, coveralls, avoid cotton products.

Methyl Methacrylate OSHA PEL 100ppm  
 ACGIH TLV 50 ppm

P(BD/MMA/STY) OSHA PEL Not Established  
 ACGIH TLV Not Established

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| <b>9</b> | <b>PHYSICAL AND CHEMICAL PROPERTIES</b> |
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| <b>Appearance:</b> Off white, brown or white gel.<br><b>Physical State:</b> Light gel.<br><b>Spec Grav./Density:</b> 1.2 - 1.3 @ 77°F (25°C).<br><b>Boiling Point:</b> 214°F (102°C) for MMA.<br><b>Vapor Pressure:</b> 29 mm @ 68°F (20°C).<br><b>Evap. Rate:</b> Not Determined. | <b>Odor:</b> Pungent, acrylic odor.<br><b>Solubility:</b> Slight.<br><b>Freezing/Melting Pt.:</b> Not Determined.<br><b>Flash Point:</b> 51°F (11°C) (TCC).<br><b>Vapor Density:</b> >1,3.5 for MMA.<br><b>VOC:</b> <50g/L. |
|--|---|

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| <b>10</b> | <b>STABILITY AND REACTIVITY</b> |
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**Stability:** Stable.  
**Conditions to Avoid:** None.  
**Materials to Avoid:** Oxidizers, acids, bases, UV radiation, amines.  
**Hazardous Decomposition:** Carbon and nitrogen oxides, hydrogen cyanide, methylene bisphenyl, isocyanate, hydrocarbons.  
**Hazardous Polymerization:** May occur. Excessive aging and/or heat, polymerization catalysts, oxygen-free atmosphere, inhibitor depletion, direct sunlight.

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| <b>11</b> | <b>TOXICOLOGICAL INFORMATION</b> |
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**Routes of Exposure:** Inhalation and skin.  
**Related Symptoms:** Moderate respiratory tract irritation. Moderate skin irritation, redness.  
**Chronic Effects:** Chronic exposure may lead to kidney or liver damage. Use adequate ventilation to maintain airborne concentration below exposure limits. Not believed to represent a carcinogenic or mutagenic hazard.

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| <b>12</b> | <b>ECOLOGICAL INFORMATION</b> |
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None.

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**13****DISPOSAL CONSIDERATIONS**

This material must be disposed in compliance with Local, State, and Federal Regulations. When in consumer packaging, this material must be disposed of as household waste. Check Local and State Regulations for disposal of this product as a household waste in your state or municipality.

**14****TRANSPORT INFORMATION**

DOT Class: Flammable Liquid (3) #3  
UN #: 1133

Materials shipped in quantities of more than 1 liter in combination or single packaging.  
**UN 1133 Adhesives 3 II**

Limited quantities: No shipping paper required. ("Limited Quantity" mark is required on the outer surface of the finished package.)

**ICAO/IATA**

Materials shipped in quantities of more than 1 liter in combination or single packaging.  
**UN1133 Adhesives 3 II**

Materials shipped in limited quantities:

ID 8000 consumer Commodity 9 ("Limited Quantity" marking with Y required on outer surface of the package and Class 9 label also required on the outer surface of the package).

**IMDG**

Materials shipped in quantities of more than 1 liter in combination or single packaging.  
**UN 1133 Adhesives 3 II**

**Limited quantities in combination packages only:**

UN1133 Adhesives 3 II Ltd. Qty. Flash Point in degrees Celsius required on shipping papers and limited marking only required on outer surface of package.

**15****REGULATORY INFORMATION****TSCA**

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

**SARA Title III, Section 13**

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.



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| <b>16</b> | <b>OTHER INFORMATION</b> |
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|------|----------|----------------|--------------|
| HMIS | Health 2 | Flammability 3 | Reactivity 2 |
| NFPA | Health 2 | Fire Hazard 3  | Reactivity 2 |

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. Manufacturer will not be liable for any injury, loss or damage in the use of its chemical products since the conditions of use are beyond their 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 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 comply with all Federal, State, and Local Laws and Regulations.