

**Ecolink Products Group, Inc.**  
Environmentally Easy on the Earth  
280 Nelson Street, Suite 226, Vancouver, BC V6B2E2  
Phone: 604-270-0480 Fax: 604-270-0448  
[www.ecolinkgroup.com](http://www.ecolinkgroup.com)

**MATERIAL SAFETY DATA SHEET**  
**ECO WELD**

**1. PRODUCT DESCRIPTION**

**Product Name:**  
ECO WELD SIDE A

**Chemical Name or Synonym:**  
POLYMERIC MDI

<b><u>HMIS RATING</u></b>	
<b>HEALTH</b>	<b>2</b>
<b>FLAMABILITY</b>	<b>0</b>
<b>REACTIVITY</b>	<b>0</b>
<b>PROTECTIVE EQUIP</b>	<b>X</b>

**Section 2 - Hazardous Ingredients**

<u>Ingredient</u>	<u>CAS #</u>	<u>Weight</u>	<u>%</u>
<u>TLV</u> 4,4" - Diphenylmethane Diisocyanate	101-68-8	50%	0.02 ppm

**Section 3 - Physical Data**

BOILING POINT: Decomposes at 646°F, 341.1°C  
SPECIFIC GRAVITY: 1.2  
VAPOR PRESSURE: @ 20°C <0.0001  
PERCENT VOLATILE: NA  
VAPOR DENSITY: NA  
EVAPORATION RATE: NA  
APPEARANCE: light yellow liquid with faint odor

**Section 4 - Fire and Explosion Hazard Data**

FLASH POINT: 400°F, 204°C (COC)

EXTINGUISHING MEDIA: Dry chemical, foam, CO<sub>2</sub>, halogenated agents. If water is used, use very large quantities. The reaction between water and hot isocyanate may be vigorous.

SPECIAL FIRE FIGHTING PRODDERS: Fire fighters should be equipped with self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Avoid water contamination in closed containers or confined area (carbon dioxide evolved)

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**Section 5 - Health Hazard Data**

PERMISSIBLE EXPOSURE LEVEL: See section 2

EFFECTS OF OVEREXPOSURE: Respiratory irritant -also causes respiratory sensitization with asthma like symptoms in exposed individuals. Skin and eye contact can cause irritation, reddening, swelling, rash, scaling, or blistering; ingestion - irritation or ulceration

EMERGENCY AND FIRST AID PROCEDURES: Eyes - Flush with water-obtain medical attention; Skin - wash with soap and water - clean contaminated clothing; Ingestion - do not induce vomiting, call physician and/or transport to emergency facility immediately; Inhalation - remove victim to fresh air, give oxygen - call physician

**Section 6 - Reactivity Data**

STABILITY: Stable under normal conditions.

CONDITIONS TO AVOID: Reaction with water forming carbon dioxide

INCOMPATIBILITY: This product will react with any materials containing active hydrogens, such as water, alcohol, ammonia, amines, alkalies, and acids. The reaction with water is very slow under 50 degrees C, but is accelerated at higher temperatures and in the presence of alkalies, tertiary amines and metal compounds. Some reactions can be violent.

HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO<sub>2</sub>, NO<sub>2</sub>, NO, trace HCN

HAZARDOUS POLYMERIZATION: May occur. High temperatures in the presence of alkalies, tertiary amines, and metal compounds will accelerate polymerization.

Possible evolution of CO<sub>2</sub> gas may rupture closed containers.

CONDITIONS TO AVOID: Moisture contamination

**Section 7 - Spill or Leak Procedures**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Evacuate and ventilate area, dike spill, prevent entry of water; clean up personnel wear full protective equipment. Absorb with sawdust and shovel into unsealed containers

WASTE DISPOSAL METHOD: Follow federal, state and local regulations. Incineration is the preferred method or material should be neutralized in accordance with state and local regulations

**Section 8 - Special Protection Information**

RESPIRATORY PROTECTION: Wear an NIOSH approved air supply

VENTILATION: As necessary to maintain below PEL

PROTECTIVE GLOVES: Rubber or PVC

EYE PROTECTION: Chemical goggles

OTHER PROTECTIVE EQUIPMENT: Use impervious protective clothing

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## **Section 9 - Special Precautions**

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep containers tightly closed, store between 60 to 80F in a cool, dry place to protect from freezing

OTHER PRECAUTIONS: In case of Emergency contact Chemtrec 800/424-9300

## **Section 10 - Additional Regulatory Information**

TSCA (Toxic Substances Control Act) Regulations, 40 CFR 710:

All ingredients are on the TSCA Chemical Substance Inventory.

SARA TITLE III SECTION 313:

This product contains the following toxic chemicals seduce to the reporting requirements of section 313 of the Emergency Planning and Community Right to Know Act of 1986 and of CFR 372:

CAS # Chemical Name Percent by Weight

101-68-8 Methylenebis 50% MDI

PROP 65 (CARCINOGEN)

Warning: This product contains a chemical known to the state of California to cause cancer.

CAS # Chemical Name Percent by Weight

None

PROP 65 (TERATOGEN)

Warning: This product contains a chemical known to the state of California to cause birth defects or other reproductive harm.

CAS # Chemical Name Percent by Weight

None

TRANSPORTATION REGULATION: Not regulated

**This information herein is given in good faith, but no warranty, expressed or implied, is made.**