

## PremARC™ 35-50

### 1. PRODUCT IDENTIFICATION

American Recycling Center, Inc. encourages and expects you to read and understand the entire Safety Data Sheet (MSDS), as there is important information throughout the document. American Recycling Center, Inc. expects you to follow the precautions identified in this document unless your use conditions would necessitate other appropriate methods or action.

-Trade Name: PremARC™ 35-50

-Manufacturer/Supplier: American Recycling Center, Inc  
655 Wabasse Drive  
Owosso, MI. 48867

24-Hour Emergency Phone Number: 800-424-9300

Customer Information Center: 989-725-5100

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### 2. COMPOSITION/DATA ON COMPONENTS

#### Chemical Characterization:

#### CAS No. Description

26447-40-5 Diphenylmethane Diisocyanate (MDI), containing methylene Bisphenyl Isocyanate CAS 10-30%  
000101-68-8 (15-20%)

**Description:** Mixture of substances listed below with nonhazardous additions.

#### Dangerous Components:

Prepolymer of MDI and polyol 40-70%  
CAS: 26447-40-5 Diphenylmethane Diisocyanate (MDI), containing Methylene Bisphenyl 10-30%  
EINECS: 247-714-0 Isocyanate CAS 000101-68-8 (15-20%)

**Additional Information:** For the wording of the listed risk phrases refer to section 16.

### 3. HAZARDOUS IDENTIFICATION

**Hazard Description:** Xn Harmful

#### Information Pertaining to Particular Dangers for Man and Environment:

The product has to be labeled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.  
Harmful by inhalation.  
Irritating to eyes, respiratory system and skin.  
May cause sensitization by inhalation and skin contact.  
Contains isocyanates. See information supplied by the manufacturer.



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**Classification System:**

The classification was made according to the latest editions of international substances, lists, and expanded upon from company and literature data.

**NFPA Ratings (scale 0-4)**

Health = 2  
Fire = 1  
Reactivity = 1

**HMIS-ratings (scale 0-4)**

Health = 2  
Fire = 1  
Reactivity = 1

## 4. First Aid Measures

**General Information:**

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

**After Inhalation:**

Supply fresh air and to be sure call for a doctor.  
In case of unconsciousness place patient stably in side position for transportation.

**After Skin Contact:**

Immediately wash with water and soap and rinse thoroughly.

**After Eye Contact:**

Rinse opened eye for several minutes under running water.  
If symptoms persist, consult a doctor.

**After Swallowing:**

If symptoms persists consult a doctor.

## 5. Fire Fighting Measures

**Suitable Extinguishing Agents:  
Protective Equipment:**

Use fire fighting measures that suit the environment.  
Mount respiratory protective device.

## 6. Accidental Release Measures

**Person-related Safety Precautions:  
Measures for Environmental Protection:  
Measures for Cleaning/Collecting:**

Not required.  
Do not allow to enter sewers/surface or ground water.  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Dispose contaminated material as waste according to item 13. Ensure adequate ventilation.

## 7. Handling and Storage

**Handling:**

**Information for Safe Handling:**

Ensure good ventilation/exhaustion at the workplace.  
Prevent formation of aerosols.

**Information About Protection Against  
Explosions and Fires:**

No special measures required.



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**Storage:  
Requirements to be met by Storerooms  
And Receptacles:** No special requirements.

**Information About Storage in One  
Common Storage Facility:** Not required.

**Further Information About Storage  
Conditions:** Keep receptacle tightly sealed.

## 8. Exposure Controls and Personal Protection

**Additional Information About Design of  
Technical Systems:** No further data; see item 7.

**Components With Limit Values that Require Monitoring at the Workplace:**  
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**Additional Information:** The lists that were valid during the creation were used as basis.

**Personal Protective Equipment:  
General Protective and Hygienic  
Measures:** Keep away from foodstuffs, beverages and feed.  
Immediately remove all soiled and contaminated clothing.  
Wash hands before breaks and at the end of work.  
Avoid contact with the eyes and skin.

**Breathing Equipment:** In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulation air.

**Protection of Hands:** Protective gloves.  
The glove material has to be impermeable and resistant to the product/ the substances/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical material.  
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.



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**Penetration Time of Glove Material:** The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**Eye Protection:** Tightly sealed goggles.

## 9. Physical and Chemical Properties

### General Information

**Form:** Fluid  
**Color:** According to product specification  
**Odor:** Characteristic

### Change in Condition

**Melting Point/Melting Range:** Undetermined  
**Boiling Point/Boiling Range:** Undetermined

**Flash Point:** 178°C (352°F)  
**Auto Igniting:** Product is not self igniting.  
**Danger of Explosion:** Product does not present an explosion hazard.  
**Density:** Not determined.  
**Solubility in / Miscibility with Water:** Not miscible or difficult to mix.  
**Organic Solvents:** 0.0%

## 10. Stability and reactivity

**Thermal Decomposition/Conditions to be Avoided:** No decomposition if used according to specifications.  
**Dangerous Reactions:** No dangerous reactions known.  
**Dangerous Products of Decomposition:** No dangerous decomposition products known.

## 11. Toxicological Information

**Acute Toxicity:**  
**LD/LC50 Values that are Relevant for Classification:**  
**26447-40-5 Diisocyanate (MDI), Containing Methylene Bisphenyl Isocyanate CAS 000101-68-8 (15-20%)**  
Oral LD50 > 10.000 mg/kg (Rat)  
Dermal LD50 > 2000 mg/kg (Rabbit)



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**Primary Irritant Effect:**

**On the Skin:**

Irritant to skin and mucous membranes.

**On the Eye:**

Irritating effect.

**Sensitization:**

Sensitization possible through inhalation.

Sensitization possible through skin contact.

**Additional Toxicological Information:**

The product shows the following dangers according to internally approved calculation methods for preparations:

Harmful

Irritant

## 12. Ecological Information

**General Notes:**

Water hazard class 1 (Self-assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

## 13. Disposal Considerations

**Product:**

**Recommendation:**

Must not be disposed of together with household garbage.

Do not allow product to reach sewage system.

**Uncleaned Packagings:**

**Recommendation:**

Disposal must be made according to official regulations.

## 14. Transport Information

**Maritime Transport IMDG:**

**Marine Pollutant:**

No

## 15. Regulations

Sara

**Section 355 (extremely hazardous substances):**

None of the ingredient is listed.

**Section 313 (Specific toxic chemical listings):**

26447-40-5 Diphenylmethane Diisocyanate (MDI), containing Methylene Bisphenyl Isocyanate Yes 30.0%  
CAS 000101-68-8 (15-20%)



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**Sara Section 311/312 (Hazardous Categorization):**

26447-40-5 Diphenylmethane Diisocyanate (MDI), containing Immediate Health, Delayed Health 30.0%  
Methylene Bisphenyl Isocyanate CAS 000101-68-8 (15-20%)

**TSCA (Toxic substance Control Act):**

All components are TSCA listed or are not required to be listed unless specifically stated otherwise.

**Proposition 65**

None of the ingredients is listed.

**EPA (Environmental Protection Agency)**

Not determined.

**OSHA – National**

Not determined.

**NTP (National Toxicology Program)**

Not determined.

**TLV (Threshold Limit Value established by ACGIH)**

Not determined.

**Product related to hazard information:**

The product has been classified and marked in accordance with directives on hazardous materials.

**Hazard Symbols:**

Xn Harmful

**Hazard-determining components of Labeling:**

Prepolymer of MDI and polyol  
Diphenylmethane Diisocyanate (MDI), containing  
Methylene Bisphenyl Isocyanate CAS 000101-68-8 (44-54%)

**Risk Phrases:**

Harmful by inhalation.  
Irritating to eyes, respiratory system and skin.  
May cause sensitization by inhalation and skin contact.

**Safety Phrases:**

Keep locked up and out of the reach of children.  
Keep container in a well-ventilated place.  
Keep away from food, drink and animal feedingstuffs.  
Do not breathe gas/fumes/vapor/spray. Use in well ventilated area or wear respiratory protection.  
Avoid contact with skin and eyes.  
In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.



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Wear suitable gloves.  
In case of accident or if you feel unwell, seek medical advice immediately.  
Not recommended for interior use on large surface areas.  
Dispose of this material and its container at hazardous or special waste collection point.  
This material and its container must be disposed of as hazardous waste.  
In case of accident by inhalation: remove casualty to fresh air and keep at rest.  
If swallowed, rinse mouth with water (only if the person is conscious).

**Special Labeling of Certain Preparations:** Contains isocyanates. See information supplied by the manufacturer.

**National Regulations:**  
None of the ingredients is listed.

**Technical Instructions (air):**

Class	Share in %
I	10-30

**Water Hazard Class:** Water Hazard Class I (Self-assessment): slightly hazardous for water.

## 16. Other Information

*This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.*

*American Recycling Center urges each customer or recipient of this SDS to study it carefully and consult appropriate expertise, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. The information herein is provided in good faith and believed to be accurate as of the effective date of the SDS. However, no warranty, expressed or implied, is given. Regulatory requirements are subject to change and may differ between various locations. It is the buyer's/user's responsibility to ensure that its activities comply with all applicable federal, state, provincial and local laws. The information presented here pertains only to the product as shipped. Since conditions for use of the product are not under the control of American Recycling Center, it is the buyer's/user's duty to determine the conditions necessary for the safe use of this product.*

*This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. Additional transportation system information can be obtained through an authorized sales or customer service representative. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.*



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**Department issuing M(M)SDS:      EH&S Delivery**  
**Contact:                                      Customer Service 989-725-5100**

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*The information herein is to assist customers in determining whether our products are suitable for their applications. Our products are intended for sale to industrial and commercial customers. We request that customers inspect and test our products before use and satisfy themselves as to contents and suitability. We warrant that our products will meet our written specifications. Nothing herein shall constitute and other warranty express or implied, including any warranty of merchantability or fitness, nor is protection from any law or patent to be inferred. All patent rights are reserved. The exclusive remedy for all proven claims is replacement of our materials and in no event shall we be liable for special, incidental or consequential damages.*



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