



WAYLOCK® - PART A

MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT IDENTIFICATION

Product Names: WAYLOCK® II (adhesive)
WAYLOCK® EZ (adhesive)

Manufactured by: Trelleborg Sealing Solutions
2531 Bremer Road
Fort Wayne, IN 46803
Phone: 260-749-9631
Fax: 260-748-5811

Revision Date: March 25, 2004

24 HOUR EMERGENCY PHONE – CHEMTREC 800-424-9300

SECTION 2 – HAZARDOUS INGREDIENTS

<u>Chemical Name / CAS Number</u>	<u>Wt. %</u>	<u>-----Exposure Limits in Air-----</u>	
		<u>ACGIH (TLV)</u>	<u>OSHA (PEL)</u>
Bisphenol A/Epichlorohydrin Resin 25068-38-6	>50		None established
Neopentyl Glycol Diglycidyl Ether 17557-23-2	<7		None established
Talc 14807-96-6	<35		PEL: 2mg/M ³ , 8 hr (Talc containing no asbestos fibers)

SECTION 3 – PHYSICAL PROPERTIES

Vapor Density (air = 1):	N/A	Melting Point or Range (°F):	Not available
Specific Gravity:	1.17	Boiling Point or Range (°F):	Not available
Solubility in Water:	Negligible	Vapor Pressure (mm Hg at 20°C):	Negligible
Appearance/Odor:	Tan/beige, viscous liquid, sweet characteristic odor	Evaporation Rate (butyl acetate = 1):	Not applicable

SECTION 4 – FIRE AND EXPLOSION

Flash Point (°F): >200 (PMCC)

Auto-Ignition Temperature (°F): Not available

Flammable Limits in Air (Volume %): Lower (LEL): N/A Upper (UEL): N/A

Fire Extinguishing Materials: Foam, Carbon Dioxide, Dry Chemical, Water Fog

Special Fire Fighting Procedures: Material will not burn unless preheated. Do not enter confined fire space without full bunker gear (helmet with face shield, bunker coats, gloves, and rubber boots), including a positive pressure NIOSH approved self-contained breathing apparatus.

Unusual Fire and Explosion Hazards: No unusual hazards.

SECTION 5 – HEALTH HAZARD INFORMATION

Symptoms of overexposure for each potential route of exposure.

Inhaled: Because of its very low volatility, this product is not likely to produce any adverse effect by inhalation; however, use only with good ventilation.

Contact with skin or eyes: Based on product testing, product is moderately irritating to the eyes.

Absorbed through skin: Based on product testing, product is moderately irritating to the skin. Based on product testing, product may cause skin sensitization.

Swallowed: Based on product testing, product is generally considered to have a low order of acute oral toxicity; however, if swallowed get medical help.

Health Effects or Risks from Exposure

Acute: See Section 5.

Chronic: Possible skin sensitization, resulting in rash, hives, or even open lesions.

First Aid: Emergency Procedures

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids open. Get medical attention.

Skin Contact: Immediately remove contaminated clothing or shoes. Wipe excess from skin and flush with plenty of water for at least 15 minutes. Use soap if available or follow by washing with soap and water. Do not reuse clothing until thoroughly cleaned. Get medical attention. Contaminated leather articles, including shoes, cannot be decontaminated and should be destroyed.

Inhaled: Remove victim to fresh air and provide oxygen if breathing is difficult. Get medical attention.

Swallowed: Do not induce vomiting. Get medical attention.

Suspected Cancer Agent?

NO: This product's ingredients are not found in the lists below.

YES: Federal OSHA NTP IARC

Medical Conditions Aggravated by Exposure

Pre-existing skin allergies may increase the chance of developing increased allergy symptoms from exposure to this product. Pre-existing skin and eye disorders may be aggravated by exposure of this product.

SECTION 6 – REACTIVITY DATA

Stability: Stable.

Conditions to Avoid: Can react vigorously with strong oxidizing agents and strong lewis or mineral acids. In reactions with many curing agents, considerable heat is released.

Incompatibility (Materials to Avoid): Strong oxidizing agents, strong lewis or mineral acids.

Hazardous Decomposition Products: Carbon monoxide, aldehydes and acids may be formed during combustion. Reaction with some curing agents may produce considerable heat.

Hazardous Polymerization: Will not occur.

SECTION 7 – SPILL, LEAK, AND DISPOSAL PROCEDURES

Spill Response Procedures: May burn although not readily ignitable. Use cautious judgment when cleaning up large spills. Large Spills: Wear respirator and protective clothing as appropriate. Shut off source of leak if safe to do so. Dike and contain. Remove with vacuum trucks or pump to storage/salvage vessels. Soak up residue with an absorbent such as clay or sand and dispose of properly. Flush area with water to remove trace residue. Small Spills: Take up with an absorbent material and dispose of properly.

Preparing Wastes for Disposal: Solidify with clay or other absorbent in a steel drum. Consult your local authorities for an appropriate disposal facility. **Note:** Dispose of all wastes in accordance with federal, state, and local regulations.

SECTION 8 – SPECIAL HANDLING INFORMATION

Ventilation and Engineering Controls: Store material in a cool, dry place with adequate ventilation.

Respiratory Protection: Not ordinarily required. If resin is warmed or heated, vapors or mists may be produced. In such cases, use a NIOSH approved respirator as required to prevent overexposure. In accord with 29 CFR 1910.134, use either an atmosphere-supplying respirator or an air-purifying respirator for organic vapors.

Eye Protection: Wear safety glasses or goggles as appropriate.

Gloves: Wear chemical-resistant gloves or other clothing as required to minimize skin contact.

Other Clothing and Equipment: Avoid contact with the skin. Wear chemical-resistant gloves and other clothing as required to minimize skin contact.

Work Practices - Hygienic Practices: Launder contaminated clothes before wearing. Do not smoke or eat where this material is being used. Wash hands before smoking, eating, or going to the restroom.

Other Handling and Storage Requirements: Use ventilation as required to control vapor concentrations. (If heated, vapors or mist may be produced.)

Protective measures during maintenance of contaminated equipment: Same as above.

SECTION 9 – SARA III SECTION 313 INFORMATION

This compound contains <2ppm of Epichlorohydrin (CAS#106898), subject to reporting requirements of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40 CFW 372, and 6ppm of Phenyl Glycidyl Ether (PGE) (CAS#122601).

SECTION 10 – DOT AND IATA REGULATIONS

This material is not a hazardous material for purposes of shipping per DOT or IATA.

NOTICE

This information is furnished by Polymer Sealing Solutions at no charge, independent of any sale of the product and subject to the user's investigation and verification. While these data are believed to be correct, Polymer Sealing Solutions makes no warranties, guarantees, or representations of any kind with respect to the product or to this information, either expressed or implied, and whether arising by law or otherwise, including but not limited to, any implied warranty of merchantability or fitness for any particular purpose. Polymer Sealing Solutions shall in no event be liable for any personal injury, property, or other damages of any nature whatsoever, whether special, indirect, consequential or compensatory, directly or indirectly resulting from the publication, use of, or reliance upon this information.

**IN CASE OF EMERGENCY, CALL TRELLEBORG SEALING SOLUTIONS
FORT WAYNE, INDIANA (260) 749-9631**



WAYLOCK® – PART B

MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT IDENTIFICATION

Product Names: WAYLOCK® II (hardener)
WAYLOCK® EZ (hardener)

Manufactured by: Trelleborg Sealing Solutions
2531 Bremer Road
Fort Wayne, IN 46803
Phone: 260-749-9631
Fax: 260-748-5811

Revision Date: March 25, 2004

24 HOUR EMERGENCY PHONE – CHEMTREC 800-424-9300

SECTION 2 – HAZARDOUS INGREDIENTS

<u>Chemical Name / CAS Number</u>	<u>Wt. %</u>	<u>-----Exposure Limits in Air-----</u>	
		<u>ACGIH (TLV)</u>	<u>OSHA (PEL)</u>
Modified amidoamine / Butadiene acrylonitrile copolymer (trade secret)	<65 Corrosive		None
Talc	CAS 14807-96-6 <20		PEL: 2mg/M ³ , 8 hr (Talc containing no asbestos)
Inert Fillers	<15		
Benzyl Alcohol	CAS 100-51-6 <5		None established
Nonyphenol	CAS 25154-52-3 <5		None established
Aminopropyltrimethoxysilane	1-2% CAS 1760-24-3		None available

SECTION 3 – PHYSICAL PROPERTIES

Vapor Density (air = 1):	N/A	Melting Point or Range (°F):	Not applicable
Specific Gravity:	1.17	Boiling Point or Range (°F):	Not applicable
Solubility in H ₂ O:	Slight	Evaporation Rate (butyl acetate = 1):	Not applicable
Vapor Pressure: (mmHg at 20° C)	Not available		
Appearance/Odor:	Bluish-gray liquid, mild ammoniacal odor.		
Percent Volatiles at 70°F	None		

SECTION 4 – FIRE AND EXPLOSION

Flash Point (°F): >383°F Pensky-Martin Closed Cup

Auto-Ignition Temperature (°F): Not available

Flammable Limits in Air (Volume %): Lower (LEL): N/A Upper (UEL): N/A
Not determined (nonvolatile fluid)

Fire Extinguishing Materials: Water spray, Foam, Carbon Dioxide, Dry Chemical

Special Fire Fighting Procedures: Use self-contained breathing apparatus and protective clothing.

Unusual Fire and Explosion Hazards: May produce hazardous fumes or hazardous decomposition products.

SECTION 5 – HEALTH HAZARD INFORMATION

Symptoms of overexposure for each potential route of exposure.

Inhaled: Not a volatile material.

Contact with skin or eyes: Causes severe eye irritation or burns. Do not get product in eyes. Wash thoroughly after handling.

Absorbed through skin: Causes skin irritation or burns. Prolonged or repeated exposure may result in the absorption of harmful amounts of material, resulting to allergic effects such as rashes, itching, or even open sores.

Swallowed: May be harmful if swallowed. Wash thoroughly after handling.

Health Effects or Risks from Exposure

Acute: See Section 5.

Chronic: Possible skin sensitization resulting in skin irritation and even open sores. The effect on the individual may become more serious with repeated exposure. The effect of sensitization depends on the individual, where a safe exposure for one person may cause an allergic reaction to a person who is or has become sensitive.

First Aid: Emergency Procedures

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids open. Get medical attention.

Skin Contact: Immediately remove contaminated clothing or shoes and flush with plenty of water.

Inhaled: Remove victim to fresh air and provide oxygen if breathing is difficult. Get medical attention.

Swallowed: **Do not** induce vomiting. Immediately drink a large quantity of milk or water. Get medical advice.

Suspected Cancer Agent?

NO: This product's ingredients are not found in the lists below.

YES: Federal OSHA NTP IARC

Medical Conditions Aggravated by Exposure

Because of the presence of tetraethylenepentamine, existing allergic skin problems or respiratory problems such as asthma could be aggravated.

SECTION 6 – REACTIVITY DATA

Stability: Stable.

Conditions to Avoid: Exposure to temperatures of around 300°C and above.

Incompatibility (Materials to Avoid): Avoid contamination with acids and oxidizing materials.

Hazardous Decomposition Products (including combustion products): Thermal decomposition or burning may produce carbon monoxide and/or carbon dioxide, nitrogen oxides and ammonia.

Hazardous Polymerization: Will not occur.

Conditions to Avoid: None.

SECTION 7 – SPILL, LEAK, AND DISPOSAL PROCEDURES

Spill Response Procedures: Wear suitable protective equipment. Small spills should be flushed with dilute (5%) acetic acid for sewer disposal. Large spills should be absorbed with a suitable absorbent material and containerized for disposal.

Preparing Wastes for Disposal: Normal solidification and disposal as an industrial waster per federal, state, and local regulations. This material as shipped is a hazardous waste as specified in 40 CFR 261 on the basis of its corrosivity.

Note: Dispose of all wastes in accordance with federal, state, and local regulations.

SECTION 8 – SPECIAL HANDLING INFORMATION

Ventilation and Engineering Controls: Local exhaust should be adequate. If material is heated or used in large quantities where ventilation is poor, then a respirator with an organic vapor cartridge should be used.

Respiratory Protection: Self-contained breathing apparatus in high vapor concentrations.

Eye Protection: Wear goggles and face shield.

Gloves: Butyl.

Other Clothing and Equipment: Face shield, eye bath, and safety shower.

Work Practices - Hygienic Practices: Launder contaminated clothes before wearing. Do not smoke or eat where this material is being used. Wash hands before smoking, eating, or going to the restroom.

Other Handling and Storage Requirements: None.

Protective Measures During Maintenance of Contaminated Equipment: Same as above.

SECTION 9 – DOT AND IATA SHIPPING REGULATIONS

Not regulated under these regulations.

NOTICE

This information is furnished by Polymer Sealing Solutions at no charge, independent of any sale of the product and subject to the user's investigation and verification. While these data are believed to be correct, Polymer Sealing Solutions makes no warranties, guarantees, or representations of any kind with respect to the product or to this information, either expressed or implied, and whether arising by law or otherwise, including but not limited to, any implied warranty of merchantability or fitness for any particular purpose. Polymer Sealing Solutions shall in no event be liable for any personal injury, property, or other damages

of any nature whatsoever, whether special, indirect, consequential or compensatory, directly or indirectly resulting from the publication, use of, or reliance upon this information.

**IN CASE OF EMERGENCY, CALL TRELLEBORG SEALING SOLUTIONS
FORT WAYNE, INDIANA (260) 749-9631**