

## Material Safety Data Sheet

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### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** PREMIER BOND PB910 Canister

**MANUFACTURER:** NorthStar Chemicals, Inc.

**ADDRESS:** 19 Smiley Ingram Rd., Cartersville, GA 30120

EMERGENCY PHONE: CHEMTREC 1-800-424-9300

**Issue Date:** 06-09-10

**Supersedes Date:** Initial Issue

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**Product Use:** Intended Use: Adhesive

### SECTION 2: INGREDIENTS

<u>Ingredient</u>	<u>C.A.S. No.</u>	<u>% by Wt.</u>
Methyl Acetate	79-20-9	65-75%
Dimethyl Ether	115-10-6	<1%
Propane	74-98-6	<1%
Isobutane	75-28-5	<1%

### SECTION 3: HAZARDS IDENTIFICATION

#### 3.1 EMERGENCY OVERVIEW

**Immediate health, physical, and environmental hazards:** Closed containers exposed to heat from fire may build pressure and explode. Extremely flammable liquid and vapor.

#### 3.2 POTENTIAL HEALTH EFFECTS

**Eye Contact:**

Moderate Eye Irritation: Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

**Skin Contact:**

Moderate Skin Irritation: Signs/symptoms may include localized redness, swelling, itching, and dryness.

**Inhalation:**

Respiratory Tract Irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

Intentional concentration and inhalation may be harmful or fatal.

**Ingestion:**

Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

May be absorbed following ingestion and cause target organ effects.

**Target Organ Effects:**

Central Nervous System (CNS) Depression: Signs/Symptoms may include headache, dizziness, drowsiness, incoordination, nausea, slowed reaction time, slurred speech, giddiness and unconsciousness.

## SECTION 4: FIRST AID MEASURES

### 4.1 FIRST AID PROCEDURES

The following first aid recommendations are based on an assumption that appropriate personal and industrial hygiene practices are followed:

**Eye Contact:** Flush eyes with large amounts of water. If signs/symptoms persist, get medical attention.

**Skin Contact:** Remove contaminated clothing and shoes. Immediately flush skin with large amounts of water. Get medical attention. Wash contaminated clothing and clean shoes before reuse.

**Inhalation:** Remove person to fresh air. If signs/symptoms develop, get medical attention.

**If Swallowed:** Do not induce vomiting unless instructed to do so by medical personnel. Give victim two glasses of water. Never give anything by mouth to an unconscious person. Get medical attention.

## SECTION 5: FIRE FIGHTING MEASURE

### 5.1 FLAMMABLE PROPERTIES

<b>Flammability:</b>	<b>Flammable per industry standard flame projection test</b>
<b>Auto ignition temp</b>	<b>Not Established</b>
<b>Flash Point</b>	<b>-156 degrees F (-104 degrees C)</b>
<b>Flammable Limits-LEL</b>	<b>1.8</b>
<b>Flammable Limits-UEL</b>	<b>18</b>

### 5.2 EXTINGUISHING MEDIA

Use fire extinguishers with class B extinguishing agents (e.g., dry chemical, carbon dioxide)

### 5.3 PROTECTION OF FIRE FIGHTERS

**Special Fire Fighting Procedures:** Wear full protective equipment (Bunker Gear) and a self-contained breathing apparatus (SCBA).

**Unusual Fire and Explosion Hazards:** Flammable liquid and vapor. Closed containers exposed to heat from fire may build pressure and explode. Vapors may travel long distances along the ground or floor to an ignition source and flash back.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**Accidental Release Measures:** Remove all ignition sources such as flames, smoking materials, and electrical spark sources. Ventilate the area with fresh air. Contain spill. Cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Collect waste and dispose of in accordance with local, state and federal laws and regulations.

## SECTION 7: HANDLING AND STORAGE

### 7.1 HANDLING

Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water. Keep away from heat, sparks, open flame, pilot lights and other sources of ignition. Avoid breathing of vapors, mists or spray. Avoid eye contact with vapors, mists, or spray. Keep out of reach of children. Use only with ventilation. Use general ventilation. If ventilation is not adequate, use respiratory protection equipment.

### 7.2 STORAGE

Store away from acids. Store away from heat. Store out of direct sunlight. Keep container tightly closed. Store away from oxidizing agents.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 ENGINEERING CONTROLS

Use with appropriate local exhaust ventilation. Provide appropriate local exhaust ventilation on open containers. Do not use in a confined area or areas with little or no air movement. Use general ventilation and/or local exhaust ventilation. If ventilation is not adequate, use protection equipment.

### 8.2 PERSONAL PROTECTIVE EQUIPMENT (PPE)

#### 8.2.1 Eye/Face protection

Avoid eye contact with vapors, mists, or spray.

The following eye protection(s) are recommended: Safety Glasses with side shields. Indirect Vented Goggles.

#### 8.2.2 Skin Protection

Avoid skin contact.

Select and use gloves and/or protective clothing to prevent skin contact based on the results of an exposure assessment. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible materials.

Gloves made from the following material(s) are recommended: Polyvinyl Alcohol (PVA), Polyethylene/Ethylene Vinyl Alcohol.

#### 8.2.3 Respiratory Protection

Avoid breathing of vapors, mists or spray.

#### 8.2.4 Prevention of Swallowing

Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water.

### 8.3 EXPOSURE GUIDELINES

<u>Ingredient</u>	<u>Authority</u>	<u>Type</u>	<u>Limit</u>	<u>Additional Information</u>
Dimethyl Ether	AIHA	TWA	1000 ppm	
Dimethyl Ether	CMRG	TWA	1000 ppm	
Methyl Acetate	ACGIH	TWA	200 ppm	
Methyl Acetate	ACGIH	STEL	250 ppm	
Methyl Acetate	OSHA	TWA	200 ppm	Table Z-1A
Methyl Acetate	OSHA	STEL	250 ppm	Table Z-1A
Propane	ACGIH	TWA	1000 ppm	
Propane	OSHA	TWA	1000 ppm	Table Z-1
Isobutane	ACGIH	TWA	1000 ppm	

### SOURCES OF EXPOSURE LIMIT DATA:

<b>ACGIH:</b>	<b>American Conference of Governmental Industrial Hygienists</b>
<b>AIHA:</b>	<b>American Industrial Hygiene Association Workplace Environmental Exposure Level (WEEL)</b>
<b>CMRG:</b>	<b>Chemical Manufacturer Recommended Guideline</b>
<b>EPA:</b>	<b>Environmental Protection Agency</b>
<b>IARC:</b>	<b>International Agency for the Research on Cancer</b>
<b>NIOSH:</b>	<b>National Institute for Occupational Safety and Health</b>
<b>NTP:</b>	<b>National Toxicology Program</b>
<b>OSHA:</b>	<b>Occupational Safety and Health Administration</b>

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Odor, Color:</b>	<b>Strong solvent odor, clear or red in color</b>
<b>Boiling point</b>	<b>-44 degrees F (-42 degrees C)</b>
<b>Vapor Density</b>	<b>Not Established</b>
<b>Vapor Pressure</b>	<b>Not Established</b>
<b>Specific Gravity</b>	<b>.93 to .97 gms/cc (7.7 to 8.1 lbs/gal)</b>
<b>Solubility in Water</b>	<b>Negligible</b>
<b>VOC Less H<sub>2</sub>O &amp; Exempt Solvents</b>	<b>37.87 gm/liter</b>
<b>VOC (excluding exempt compounds)</b>	<b>1.1%</b>

## SECTION 10: STABILITY AND REACTIVITY

**Stability:** Stable.

**Materials and Conditions to Avoid:** Sparks and/or flames

**Hazardous Polymerization:** Hazardous polymerization will not occur.

### Hazardous Decomposition or By-Products

<u>Substances</u>	<u>Condition</u>
Aldehydes	During Combustion
Hydrocarbons	During Combustion
Carbon monoxide	During Combustion
Carbon dioxide	During Combustion
Irritant Vapor or Gases	During Combustion

## SECTION 11: TOXICOLOGICAL INFORMATION

**Carcinogenicity:** No data available

## SECTION 12: ECOLOGICAL INFORMATION

Not determined.

## SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Method: Incinerate in a permitted hazardous waste incinerator. As a disposal alternative, dispose of waste product in a permitted hazardous waste facility.

## SECTION 14: TRANSPORT INFORMATION

Liquefied Gas, Flammable, N.O.S. (Contains Dimethyl Ether, Methyl Acetate) 2.1 UN3161

## SECTION 15: REGULATORY INFORMATION

### US FEDERAL REGULATIONS

#### 311/312 Hazard Categories:

Fire Hazard - Yes    Pressure Hazard - Yes    Reactivity Hazard - No    Immediate Hazard - Yes    Delayed Hazard - No

**Section 313 Toxic Chemicals subject to the reporting requirements of that section and 40 CFR part 372 (EPCRA):**

Not Determined.

### STATE REGULATIONS CALIFORNIA PROPOSITION 65

None

**Carcinogenicity:** No data available

## SECTION 16: OTHER INFORMATION

#### NFPA Hazard Classification

Health: 2

Flammability: 4

Reactivity: 0

Special Hazard: None

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel to address the hazards that are presented by short-term, acute exposure to a material under conditions of fire, spill, or similar emergencies. Hazard ratings are primarily based on the inherent physical and toxic properties of the material but also include the toxic properties of combustion or decomposition products that are known to be generated in significant quantities. No revision information is available.

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