

### SECTION 1 - IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE COMPANY/UNDERTAKING

**Product Information**

**Product Name:** Norst® PB 600  
**Product Use:** Intermediate - Adhesive  
**Uses Advised Against:** None

**Manufacturer**

NorthStar Elastomers, LLC  
 4500 Main St NE  
 Fridley, MN 55421  
**Information Phone:** 952-270-4767  
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**Emergency Phone** CHEMTREC North America 800-424-9300

### SECTION 2 - HAZARDS IDENTIFICATION

**Classification of the substance or mixture**

No need for classification according to GHS criteria for this product.

**Label Elements**

The product does not require a hazard warning label in accordance with GHS criteria.

**Other Hazards:**

No specific dangers known, if the regulations/notes for storage and handling are considered.  
 May cause eye, skin and respiratory tract irritation. Ingestion may cause gastric disturbances.  
 Ensure adequate ventilation. Wear protective clothing.

### SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

**Mixture**

| Chemical Name        | CAS#       | EINECS#     | EU Classification (67/548/EEC)   | CLP Annex VI Classification | %           |
|----------------------|------------|-------------|----------------------------------|-----------------------------|-------------|
| Polybutene Solids    | 9003-29-6  | Proprietary | No EU Classification or R phrase | No GHS Classification       | Proprietary |
| EPDM Solids          | 25038-36-2 | Proprietary |                                  | No GHS Classification       | Proprietary |
| Polypropylene Solids | 9003-07-0  | Proprietary |                                  | No GHS Classification       | Proprietary |

**Non-Hazardous Statement:** The remaining components of this product are non-hazardous or are in a small enough quantity as to not meet regulatory thresholds for disclosure. These components contain no substances or impurities which would influence the classification of this product.

### SECTION 4 - FIRST AID MEASURES

**First Aid Measures**

**Eye Contact:** Immediately flush eyes with water as a precaution. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. Get medical attention if irritation or exposure symptoms develop.

**Skin Contact:** Wash contact area with soap and water. If irritation occurs, get medical attention.

**Inhalation:** Remove victim to fresh air and keep person calm. Give artificial respiration if needed. If difficulty breathing, have oxygen administered by qualified party. If symptoms persist, get medical attention.

**Ingestion:** Aspiration hazard: DO NOT induce vomiting. Keep respiratory tract clear. If conscious, rinse mouth with water. Never give anything by mouth to an unconscious person. Get immediate medical attention.

**Most Important symptoms and effects, acute and delayed**

May cause eye and respiratory tract irritation. May cause moderate skin irritation.  
 Aspiration hazard: material may enter the lungs if swallowed and cause lung injury.  
 May cause gastric disturbance. Ensure adequate ventilation. Wear protective clothing.

**Indication for immediate medical care and/or special treatment**

Immediate medical care is required if swallowed.

## SECTION 5 - FIRE FIGHTING MEASURES

|                                |   |
|--------------------------------|---|
| <b>Extinguishing Media</b>     | Carbon dioxide (CO <sub>2</sub> ), foam, dry chemical powder, water spray.        |
| <b>Unsuitable Media:</b>       | High volume water jet.  |
| <b>Special Hazards</b>         |   |
| <b>Fire/Explosion Hazards:</b> | Hazardous melting & dripping may occur at high temperatures                       |
| <b>Combustion Byproducts:</b>  | Oxides of carbon and unknown metals may be produced during thermal decomposition. |
| <b>Advice for Firefighters</b> | Wear approved, self-contained breathing apparatus and full protective clothing.   |

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

### Personnel Precautions, Protective Equipment, Emergency Procedures

Use personal protective clothing and equipment to prevent eye and skin contact.

|                                  |   |
|----------------------------------|---|
| <b>Environmental Precautions</b> | Prevent material from entering drains. Report spills to appropriate authorities.<br>Contain spills and contaminated water/firefighting water. |
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|                            |   |
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| <b>Methods for Cleanup</b> | For large amounts: Pump off product. For residues: Pick up with suitable absorbent material.<br>Dispose of in accordance with Local, State, Federal and Provincial regulations. |
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## SECTION 7 - HANDLING AND STORAGE

|                                  |  |
|----------------------------------|--|
| <b>Safe Handling Precautions</b> | No special measures necessary provided product is used correctly.<br>Keep product away from heat, sparks, flames and all other sources of ignition.<br>Keep containers closed when not in use. |
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|                     |   |
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| <b>Safe Storage</b> | Store in unopened containers in a cool, dry area. Protect against moisture. |
|---------------------|---|

## SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

|                           |                                      |                        |
|---------------------------|--------------------------------------|------------------------|
| <b>Control Parameters</b> | <b>Chemical Name</b>                 | <b>Exposure Limits</b> |
|                           | Polyisobutylene (PIB) Polymer Solids | None established       |

|                    |   |
|--------------------|---|
| <b>Ventilation</b> | Provide local exhaust ventilation to control vapours/mists. |
|--------------------|---|

### Personal Protective Equipment

|                                |   |
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| <b>Eye Protection:</b>         | Wear safety glasses with side-shields or goggles.   |
| <b>Skin Protection:</b>        | Body protection must be chosen based on level of activity and exposure.<br>Impervious gloves such as nitrile rubber or viton are recommended to prevent skin contact. |
| <b>Respiratory Protection:</b> | Wear NIOSH approved respirator, if ventilation is inadequate. For higher exposures, supplied air respirator may be required. Follow applicable regulations.           |
| <b>Hygiene Measures:</b>       | Wear protective clothing as necessary to minimize contact. Handle in accordance with good industrial hygiene and safety practice. Wash soiled clothing immediately    |

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic Physical and Chemical Properties

|                                      |                       |   |   |
|--------------------------------------|-----------------------|---|---|
| <b>Appearance:</b>                   | Lt grey-Lt amber      | <b>Vapor Density:</b>                       | Not applicable  |
| <b>Odor:</b>                         | Odorless              | <b>Specific Gravity:</b>                    | .93-.98   |
| <b>Odor Threshold:</b>               | Not applicable        | <b>Solubility:</b>                          | Soluble in hydrocarbon solvents<br>Insoluble in water |
| <b>pH:</b>                           | No data available     | <b>Octanol/Water Partition Coefficient:</b> | No data available                                     |
| <b>Melting Point/Freezing Point:</b> | 138-150°C (280-300°F) | <b>Autoignition Temp:</b>                   | >177°C (350°F)  |
| <b>Initial Boiling Point/Range:</b>  | >177°C (350°F)        | <b>Decomposition Temp:</b>                  | >177°C (350°F)  |
| <b>Flash Point:</b>                  | >177°C (350°F)        | <b>Viscosity:</b>                           | 100-120,000 cps @ 177 °C (350 °F)                     |
| <b>Evaporation Rate:</b>             | Not applicable        | <b>Explosive Properties:</b>                | Not explosive   |
| <b>Flammable Limits:</b>             | No data available     | <b>Oxidizing Properties:</b>                | Not an oxidizer                                       |
| <b>Flammability (solid, gas):</b>    | No data available     | <b>Relative Density:</b>                    | No data available                                     |
| <b>Vapor Pressure:</b>               | Not applicable        |   |   |
| <b>Molecular Formula:</b>            | Proprietary           |   |   |
| <b>Molecular Weight:</b>             | No data available     |   |   |

## SECTION 10 - STABILITY AND REACTIVITY

|   |   |
|---|---|
| <b>Reactivity</b>                       | No hazardous reactions if stored and handled as prescribed/indicated. No corrosive effect on metal.                   |
| <b>Chemical Stability</b>               | Stable under normal ambient and storage/handling conditions.  |
| <b>Possible Hazardous Reactions</b>     | No hazardous reactions if stored and handled as prescribed/indicated.   |
| <b>Conditions to Avoid</b>              | Heat, sparks, flames and other sources of ignition .<br>Temperature: > 177 °C   |
| <b>Incompatible Materials</b>           | Strong oxidizing agents.  |
| <b>Hazardous Decomposition Products</b> | No hazardous decomposition products if stored and handled as prescribed/indicated.<br>Thermal decomposition: > 177 °C |

## SECTION 11 - TOXICOLOGICAL INFORMATION

### Potential Health Effects

|                         |   |
|-------------------------|---|
| <b>Eye Contact:</b>     | May cause slight irritation with redness and blurred vision. Corneal injury is unlikely.  |
| <b>Skin Contact:</b>    | May cause moderate irritation and redness.  |
| <b>Inhalation:</b>      | Inhalation of vapors, mists or aerosols may cause central nervous system depression with symptoms of headache, dizziness, nausea, drowsiness and unconsciousness may also occur.  |
| <b>Ingestion:</b>       | Aspiration hazard. May cause lung damage during swallowing or vomiting. Swallowing may cause central nervous system depression with headache, nausea, dizziness and unconsciousness; gastrointestinal irritation with nausea, vomiting and diarrhea and injury to the lungs, liver and brain. |
| <b>Chronic Hazards:</b> | No chronic effects are anticipated.   |

### Acute Toxicity Values

|  |  |
|--|--|
| <b>Dermal:</b>                         | No data available  |
| <b>Oral:</b>                           | Virtually nontoxic after a single ingestion.   |
| <b>Respiration:</b>                    | No data available  |
| <b>Respiratory Sensitization:</b>      | No data available  |
| <b>Eye Sensitization:</b>              | Non-sensitizing.   |
| <b>Skin Sensitization:</b>             | Non-sensitizing.   |
| <b>Aspiration Toxicity:</b>            | No aspiration hazard expected.   |
| <b>Carcinogenicity:</b>                | No components of this product are listed as carcinogens by OSHA, IARC, NTP, ACGIH and the EU CLP.  |
| <b>Reproductive Toxicity:</b>          | No data available  |
| <b>Germ Cell Mutagenicity</b>          | No data available. Based on the ingredients, there is no suspicion of a mutagenic effect.  |
| <b>Specific Target Organ Toxicity:</b> | Single Exposure: No data available<br>Repeat Exposure: No data available<br>The statements on toxicology have been derived from products of similar structure and composition. |

## SECTION 12 - ECOLOGICAL INFORMATION

|                                  |  |
|----------------------------------|--|
| <b>Toxicity</b>                  | No ecotoxicity data is available. This product is not expected to be harmful to aquatic organisms.                           |
| <b>Persistence/Degradability</b> | Product is virtually insoluble in water, thus mechanically separable from water in suitable treatment plants.                |
| <b>Mobility in Soil</b>          | Product will not evaporate into the atmosphere from the water surface.   |
| <b>Bioaccumulative Potential</b> | Significant accumulation in organisms is not to be expected.   |
| <b>Results of PBT and vPvB</b>   | No data available  |
| <b>Assessment</b>                |  |
| <b>Other Adverse Effects</b>     | No data available<br>The statements on ecotoxicology have been derived from products of a similar structure and composition. |

## SECTION 13 - DISPOSAL CONSIDERATIONS

|                               |  |
|-------------------------------|--|
| <b>Waste Disposal Methods</b> | Dispose in accordance with Local, State, Federal and Provincial regulations. |
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**SECTION 14 - TRANSPORT INFORMATION**

|            | UN Number | UN Proper Shipping Name | Hazard Class   | Packing Group  | Environmental Hazards |
|------------|-----------|-------------------------|----------------|----------------|-----------------------|
| US Dot     | None      | Not Regulated           | Not applicable | Not applicable | Not applicable        |
| Canada DOT | None      | Not Regulated           | Not applicable | Not applicable | Not applicable        |
| EU ADR/RID | None      | Not Regulated           | Not applicable | Not applicable | Not applicable        |
| IMO/IMDG   | None      | Not Regulated           | Not applicable | Not applicable | Not applicable        |
| IATA/ICAO  | None      | Not Regulated           | Not applicable | Not applicable | Not applicable        |

**Special Precautions for User:** Not applicable

**Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code:** Not applicable

**SECTION 15 - REGULATORY INFORMATION****US Federal Legislation****CERCLA:**

This product is not subject to reporting under CERCLA.

**CLEAN AIR ACT:**

This product does not contain any Hazardous Air Pollutants (HAPS).

**SARA 311/312 Hazard Categories:**

None

**SARA 313 Toxic Ingredients:**

None

**TSCA:**

Product components are listed on TSCA inventory.

**State Regulations****California Proposition 65:**

This product contains no chemicals known to state of California to cause cancer, birth, or any other reproductive defects.

**Other State Regulations:**

Check individual state requirements.

**SECTION 16 - OTHER INFORMATION**

| Hazard Rating       | NFPA | HMIS |
|---------------------|------|------|
| Health Hazard       | 1    | 1    |
| Fire Hazard         | 1    | 1    |
| Reactivity          | 0    | 0    |
| Personal Protection |      | X    |

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**Revision Notes:**

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