

# SAFETY DATA SHEET

## 1. Identification

**Material name:** IMPAX WB BULK  
**Material:** TBS330

### Recommended use and restriction on use

**Recommended use:** Coatings  
**Restrictions on use:** Not known.

### Manufacturer/Importer/Supplier/Distributor Information

Tremco Barrier Solutions  
6402 E. MAIN STREET  
REYNOLDSBURG OH 43068  
US

**Contact person:** EH&S Department  
**Telephone:** 216-292-5000  
**Emergency telephone number:** 1-800-424-9300 (US); 1-613-996-6666 (Canada)

## 2. Hazard(s) identification

### Hazard Classification

#### Health Hazards

|                        |             |
|------------------------|-------------|
| Skin sensitizer        | Category 1  |
| Germ Cell Mutagenicity | Category 1B |
| Carcinogenicity        | Category 1B |

#### Unknown toxicity - Health

|  |         |
|--|---------|
| Acute toxicity, oral                     | 35.53 % |
| Acute toxicity, dermal                   | 35.69 % |
| Acute toxicity, inhalation, vapor        | 100 %   |
| Acute toxicity, inhalation, dust or mist | 100 %   |

#### Environmental Hazards

|  |            |
|--|------------|
| Acute hazards to the aquatic environment | Category 3 |
|--|------------|

#### Unknown toxicity - Environment

|  |         |
|--|---------|
| Acute hazards to the aquatic environment   | 99.71 % |
| Chronic hazards to the aquatic environment | 100 %   |

### Label Elements

#### Hazard Symbol:



|   |   |
|---|---|
| <b>Signal Word:</b>   | Danger  |
| <b>Hazard Statement:</b>  | May cause an allergic skin reaction.<br>May cause genetic defects.<br>May cause cancer.<br>Harmful to aquatic life.   |
| <b>Precautionary Statement:</b>                                 |   |
| <b>Prevention:</b>  | Avoid breathing dust/fume/gas/mist/vapors/spray. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. |
| <b>Response:</b>  | IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. If exposed or concerned: Get medical advice/attention. Specific treatment (see this label). Wash contaminated clothing before reuse.  |
| <b>Storage:</b>   | Store locked up.  |
| <b>Disposal:</b>  | Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.  |
| <b>Other hazards which do not result in GHS classification:</b> | None.   |

### 3. Composition/information on ingredients

**Mixtures**

| Chemical Identity                  | CAS number | Content in percent (%)* |
|------------------------------------|------------|-------------------------|
| Asphalt                            | 8052-42-4  | 40 - 70%                |
| Stoddard solvent (Mineral Spirits) | 8052-41-3  | 1 - 5%                  |
| Wood rosin                         | 8050-09-7  | 0.5 - 1.5%              |
| Sodium hydroxide                   | 1310-73-2  | 0.1 - 1%                |

\* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

### 4. First-aid measures

|                      |   |
|----------------------|---|
| <b>Ingestion:</b>    | Call a POISON CENTER/doctor/.../if you feel unwell. Rinse mouth.  |
| <b>Inhalation:</b>   | Move to fresh air.  |
| <b>Skin Contact:</b> | Get medical attention if symptoms occur. Destroy or thoroughly clean contaminated shoes. Immediately remove contaminated clothing and shoes and wash skin with soap and plenty of water. If skin irritation or an allergic skin reaction develops, get medical attention. |
| <b>Eye contact:</b>  | Any material that contacts the eye should be washed out immediately with water. If easy to do, remove contact lenses. If eye irritation persists: Get medical advice/attention.   |

**Most important symptoms/effects, acute and delayed**

**Symptoms:** May cause skin and eye irritation.

**Indication of immediate medical attention and special treatment needed**

**Treatment:** Symptoms may be delayed.

**5. Fire-fighting measures**

**General Fire Hazards:** No unusual fire or explosion hazards noted.

**Suitable (and unsuitable) extinguishing media**

**Suitable extinguishing media:** Use fire-extinguishing media appropriate for surrounding materials.

**Unsuitable extinguishing media:** Do not use water jet as an extinguisher, as this will spread the fire.

**Specific hazards arising from the chemical:** During fire, gases hazardous to health may be formed.

**Special protective equipment and precautions for firefighters**

**Special fire fighting procedures:** No data available.

**Special protective equipment for fire-fighters:** Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

**6. Accidental release measures**

**Personal precautions, protective equipment and emergency procedures:** See Section 8 of the SDS for Personal Protective Equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep unauthorized personnel away.

**Methods and material for containment and cleaning up:** Dam and absorb spillages with sand, earth or other non-combustible material. Collect spillage in containers, seal securely and deliver for disposal according to local regulations.

**Notification Procedures:** In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations.

**Environmental Precautions:** Do not contaminate water sources or sewer. Prevent further leakage or spillage if safe to do so. Avoid release to the environment.

**7. Handling and storage**

**Precautions for safe handling:** Do not handle until all safety precautions have been read and understood. Obtain special instructions before use. Use personal protective equipment as required. Avoid contact with eyes, skin, and clothing. Wash hands thoroughly after handling. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

**Conditions for safe storage, including any incompatibilities:** Store locked up.

**8. Exposure controls/personal protection**

**Control Parameters**

**Occupational Exposure Limits**

| Chemical Identity                                   | type    | Exposure Limit Values           | Source  |
|---|---------|---------------------------------|---|
| Asphalt - Inhalable fraction. - as benzene solubles | TWA     | 0.5 mg/m <sup>3</sup>           | US. ACGIH Threshold Limit Values (2011)                                     |
| Stoddard solvent (Mineral Spirits)                  | TWA     | 100 ppm                         | US. ACGIH Threshold Limit Values (2011)                                     |
|   | PEL     | 500 ppm 2,900 mg/m <sup>3</sup> | US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006) |
| Sodium hydroxide                                    | Ceiling | 2 mg/m <sup>3</sup>             | US. ACGIH Threshold Limit Values (2011)                                     |
|   | PEL     | 2 mg/m <sup>3</sup>             | US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006) |

| Chemical name                                       | type  | Exposure Limit Values | Source  |
|---|-------|-----------------------|---|
| Asphalt - Aerosol, inhalable. - as benzene solubles | TWA   | 0.5 mg/m <sup>3</sup> | Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007) |
| Asphalt - Inhalable fraction. - as benzene solubles | TWAEV | 0.5 mg/m <sup>3</sup> | Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (11 2010)  |
| Asphalt - Fume.                                     | TWA   | 5 mg/m <sup>3</sup>   | Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (12 2008)  |
| Stoddard solvent (Mineral Spirits)                  | STEL  | 580 mg/m <sup>3</sup> | Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007) |
|   | TWA   | 290 mg/m <sup>3</sup> | Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97,                       |

|                                    |       |                   |  |
|------------------------------------|-------|-------------------|--|
|                                    |       |                   | as amended) (07 2007)  |
| Stoddard solvent (Mineral Spirits) | TWAEV | 100 ppm           | Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (11 2010)                         |
| Stoddard solvent (Mineral Spirits) | TWA   | 100 ppm 525 mg/m3 | Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (12 2008) |

**Appropriate Engineering Controls**

Observe good industrial hygiene practices. Observe occupational exposure limits and minimize the risk of inhalation of vapors and mist. Mechanical ventilation or local exhaust ventilation may be required.

**Individual protection measures, such as personal protective equipment**

**General information:** Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. Supplementary local exhaust ventilation, closed systems, or respiratory and eye protection may be needed in special circumstances, such as poorly ventilated spaces, heating, evaporation of liquids from large surfaces, spraying of mists, mechanical generation of dusts, drying of solids, etc.

**Eye/face protection:** Wear safety glasses with side shields (or goggles).

**Skin Protection**

**Hand Protection:** Use suitable protective gloves if risk of skin contact.

**Other:** Wear suitable protective clothing. Wear chemical-resistant gloves, footwear, and protective clothing appropriate for the risk of exposure. Contact health and safety professional or manufacturer for specific information.

**Respiratory Protection:** In case of inadequate ventilation use suitable respirator. Seek advice from local supervisor.

**Hygiene measures:** Observe good industrial hygiene practices. Wash hands before breaks and immediately after handling the product. Contaminated work clothing should not be allowed out of the workplace. Avoid contact with skin.

**9. Physical and chemical properties**

**Appearance**

- Physical state:** liquid
- Form:** liquid
- Color:** Black
- Odor:** Slight odor
- Odor threshold:** No data available.
- pH:** 10 - 12
- Melting point/freezing point:** No data available.
- Initial boiling point and boiling range:** 100 °C 212 °F
- Flash Point:** > 93 °C > 200 °F (Setaflash Closed Cup)
- Evaporation rate:** Slower than Ether
- Flammability (solid, gas):** No

**Upper/lower limit on flammability or explosive limits**

|   |   |
|---|---|
| <b>Flammability limit - upper (%):</b>          | No data available.  |
| <b>Flammability limit - lower (%):</b>          | No data available.  |
| <b>Explosive limit - upper (%):</b>             | No data available.  |
| <b>Explosive limit - lower (%):</b>             | No data available.  |
| <b>Vapor pressure:</b>                          | No data available.  |
| <b>Vapor density:</b>                           | Vapors are heavier than air and may travel along the floor and in the bottom of containers. |
| <b>Relative density:</b>                        | 1.01  |
| <b>Solubility(ies)</b>                          |   |
| <b>Solubility in water:</b>                     | Dispersible   |
| <b>Solubility (other):</b>                      | No data available.  |
| <b>Partition coefficient (n-octanol/water):</b> | No data available.  |
| <b>Auto-ignition temperature:</b>               | No data available.  |
| <b>Decomposition temperature:</b>               | No data available.  |
| <b>Viscosity:</b>                               | No data available.  |

**10. Stability and reactivity**

|  |   |
|--|---|
| <b>Reactivity:</b>                         | No data available.  |
| <b>Chemical Stability:</b>                 | Material is stable under normal conditions.   |
| <b>Possibility of Hazardous Reactions:</b> | No data available.  |
| <b>Conditions to Avoid:</b>                | Avoid heat or contamination.  |
| <b>Incompatible Materials:</b>             | Avoid contact with oxidizing agents (e.g. nitric acid, peroxides and chromates).                |
| <b>Hazardous Decomposition Products:</b>   | Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors. |

**11. Toxicological information****Information on likely routes of exposure**

|                      |   |
|----------------------|---|
| <b>Ingestion:</b>    | May be ingested by accident. Ingestion may cause irritation and malaise.                      |
| <b>Inhalation:</b>   | In high concentrations, vapors, fumes or mists may irritate nose, throat and mucus membranes. |
| <b>Skin Contact:</b> | May be harmful in contact with skin. May cause an allergic skin reaction.                     |
| <b>Eye contact:</b>  | Eye contact is possible and should be avoided.  |

**Information on toxicological effects****Acute toxicity (list all possible routes of exposure)**

|                      |                    |
|----------------------|--------------------|
| <b>Oral Product:</b> | No data available. |
|----------------------|--------------------|

**Dermal**

**Product:** ATEmix: 2,167.66 mg/kg

**Inhalation**

**Product:** No data available.

**Specified substance(s):**

Asphalt LC 50 (Rat): > 94.4 mg/m<sup>3</sup>

**Repeated dose toxicity**

**Product:** No data available.

**Skin Corrosion/Irritation**

**Product:** No data available.

**Serious Eye Damage/Eye Irritation**

**Product:** No data available.

**Specified substance(s):**

Asphalt in vivo (Rabbit, 24 hrs): Not irritating

Stoddard solvent (Mineral Spirits) Irritating

Wood rosin in vivo (Rabbit, 24 - 72 hrs): Not irritating

Sodium hydroxide in vivo (Rabbit, 1 d): 10% Sodium Hydroxide- Category 1; 0.5% Sodium Hydroxide- Slightly irritating to eyes

**Respiratory or Skin Sensitization**

**Product:** No data available.

**Carcinogenicity**

**Product:** May cause cancer.

**IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:**

Asphalt Overall evaluation: Possibly carcinogenic to humans.

**US. National Toxicology Program (NTP) Report on Carcinogens:**

No carcinogenic components identified

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):**

No carcinogenic components identified

**Germ Cell Mutagenicity**

**In vitro**  
**Product:** No data available.

**In vivo**  
**Product:** No data available.

**Reproductive toxicity**  
**Product:** No data available.

**Specific Target Organ Toxicity - Single Exposure**  
**Product:** No data available.

**Specific Target Organ Toxicity - Repeated Exposure**  
**Product:** No data available.

**Aspiration Hazard**  
**Product:** No data available.

**Other effects:** No data available.

**12. Ecological information****Ecotoxicity:****Acute hazards to the aquatic environment:**

**Fish**  
**Product:** No data available.

**Specified substance(s):**  
Sodium hydroxide LC 50 (Western mosquitofish (*Gambusia affinis*), 96 h): 125 mg/l Mortality

**Aquatic Invertebrates**  
**Product:** No data available.

**Specified substance(s):**  
Sodium hydroxide EC 50 (Water flea (*Ceriodaphnia dubia*), 48 h): 34.59 - 47.13 mg/l Intoxication

**Chronic hazards to the aquatic environment:**

**Fish**  
**Product:** No data available.

**Specified substance(s):**  
Asphalt NOAEL (*Oncorhynchus mykiss*, 28 d):  $\geq 1,000$  mg/l interpreted

**Aquatic Invertebrates**  
**Product:** No data available.



**Toxicity to Aquatic Plants**

**Product:** No data available.

**Persistence and Degradability**

**Biodegradation**

**Product:** No data available.

**BOD/COD Ratio**

**Product:** No data available.

**Bioaccumulative Potential**

**Bioconcentration Factor (BCF)**

**Product:** No data available.

**Partition Coefficient n-octanol / water (log Kow)**

**Product:** No data available.

**Specified substance(s):**

Stoddard solvent (Mineral Spirits) Log Kow: 3.16 - 7.15

**Mobility in Soil:** No data available.

**Other Adverse Effects:** Harmful to aquatic organisms.

**13. Disposal considerations**

**Disposal instructions:** Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

**Contaminated Packaging:** No data available.

**14. Transport information**

**TDG:**

Not Regulated

**CFR / DOT:**

Not Regulated

**IMDG:**

Not Regulated

**15. Regulatory information**

**US Federal Regulations**

**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

None present or none present in regulated quantities.

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**

None present or none present in regulated quantities.

**CERCLA Hazardous Substance List (40 CFR 302.4):**

| <u>Chemical Identity</u> | <u>Reportable quantity</u> |
|--------------------------|----------------------------|
| Asphalt                  | 100 lbs.                   |
| Sodium hydroxide         | 1000 lbs.                  |
| Hydrogen sulfide         | 100 lbs.                   |
| Ethyl Acrylate           | 1000 lbs.                  |

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Hazard categories**

Immediate (Acute) Health Hazards

Delayed (Chronic) Health Hazard

**SARA 302 Extremely Hazardous Substance**

| <u>Chemical Identity</u> | <u>Reportable quantity</u> | <u>Threshold Planning Quantity</u> |
|--------------------------|----------------------------|------------------------------------|
| Hydrogen sulfide         | 100 lbs.                   | 500 lbs.                           |

**SARA 304 Emergency Release Notification**

| <u>Chemical Identity</u> | <u>Reportable quantity</u> |
|--------------------------|----------------------------|
| Asphalt                  | 100 lbs.                   |
| Sodium hydroxide         | 1000 lbs.                  |
| Hydrogen sulfide         | 100 lbs.                   |
| Ethyl Acrylate           | 1000 lbs.                  |

**SARA 311/312 Hazardous Chemical**

| <u>Chemical Identity</u>           | <u>Threshold Planning Quantity</u> |
|------------------------------------|------------------------------------|
| Hydrogen sulfide                   | 500lbs                             |
| Asphalt                            | 500 lbs                            |
| Stoddard solvent (Mineral Spirits) | 500 lbs                            |
| Wood rosin                         | 500 lbs                            |
| Sodium hydroxide                   | 500 lbs                            |

**SARA 313 (TRI Reporting)**

None present or none present in regulated quantities.

**Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)**

None present or none present in regulated quantities.

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):**

| <u>Chemical Identity</u> | <u>Reportable quantity</u> |
|--------------------------|----------------------------|
| Hydrogen sulfide         | 10000 lbs                  |

## US State Regulations

### US. California Proposition 65

This product contains chemical(s) known to the State of California to cause cancer and/or to cause birth defects or other reproductive harm.

### US. New Jersey Worker and Community Right-to-Know Act

#### Chemical Identity

Asphalt  
Stoddard solvent (Mineral Spirits)

### US. Massachusetts RTK - Substance List

#### Chemical Identity

Asphalt  
Stoddard solvent (Mineral Spirits)  
Hydrogen sulfide  
Ethyl Acrylate

### US. Pennsylvania RTK - Hazardous Substances

#### Chemical Identity

Asphalt  
Stoddard solvent (Mineral Spirits)

### US. Rhode Island RTK

No ingredient regulated by RI Right-to-Know Law present.

## Other Regulations:

|  |        |
|--|--------|
| <b>Regulatory VOC (less water and exempt solvent):</b> | 37 g/l |
| <b>VOC Method 310:</b>                                 | 2.46 % |

## Inventory Status:

|  |  |
|--|--|
| Australia AICS:                          | One or more components in this product are not listed on or exempt from the Inventory. |
| Canada DSL Inventory List:               | One or more components in this product are not listed on or exempt from the Inventory. |
| EINECS, ELINCS or NLP:                   | One or more components in this product are not listed on or exempt from the Inventory. |
| Japan (ENCS) List:                       | One or more components in this product are not listed on or exempt from the Inventory. |
| China Inv. Existing Chemical Substances: | One or more components in this product are not listed on or exempt from the Inventory. |
| Korea Existing Chemicals Inv. (KECI):    | One or more components in this product are not listed on or exempt from the Inventory. |
| Canada NDSL Inventory:                   | One or more components in this product are not listed on or exempt from the Inventory. |

|                                     |  |
|-------------------------------------|--|
| Philippines PICCS:                  | One or more components in this product are not listed on or exempt from the Inventory. |
| US TSCA Inventory:                  | One or more components in this product are not listed on or exempt from the Inventory. |
| New Zealand Inventory of Chemicals: | One or more components in this product are not listed on or exempt from the Inventory. |
| Japan ISHL Listing:                 | One or more components in this product are not listed on or exempt from the Inventory. |
| Japan Pharmacopoeia Listing:        | One or more components in this product are not listed on or exempt from the Inventory. |

|  |
|--|
| <b>16. Other information, including date of preparation or last revision</b> |
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**Revision Date:** 07/29/2015

**Version #:** 1.0

**Further Information:** No data available.

**Disclaimer:** For Industrial Use Only. Keep out of Reach of Children. The hazard information herein is offered solely for the consideration of the user, subject to their own investigation of compliance with applicable regulations, including the safe use of the product under every foreseeable condition.