



# Tread-Shield Primer WB

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision Date: N/A

Date of Issue: 01/16/23

Version: 1.0

## SECTION 1: IDENTIFICATION

### Product Identifier

**Product Form:** Mixture

**Product Name:** Tread-Shield Primer WB A

**Product Code:** 2010

### Intended Use of the Product

Primer. For professional use only.

### Name, Address, and Telephone of the Responsible Party

#### **Manufacturer**

The Garland Company, Inc.  
3800 East 91<sup>st</sup> Street  
Cleveland, Ohio 44105-2197  
T-800-762-8225  
F-216-641-0633  
www.garlandco.com

#### **Supplier**

The Garland Company, Inc.  
3800 East 91<sup>st</sup> Street  
Cleveland, Ohio 44105-2197  
T-800-762-8225  
F-216-641-0633  
www.garlandco.com

The Garland Company, Inc.  
209 Carrier Drive  
Toronto, Ontario M9W 5Y8  
T-416-747-7995 ; 800-387-5991  
F-416-747-1980

### Emergency Telephone Number

**Emergency Number:** 1-800-262-8200 (CHEMTREC)

## SECTION 2: HAZARDS IDENTIFICATION

### Classification of the Substance or Mixture

#### **Classification (GHS-US):**

|                        |        |
|------------------------|--------|
| Serious eye irritation | Cat 2A |
| Skin Corrosion         | Cat 2  |
| STOT SE                | Cat 3  |
| Acute aquatic hazard   | Cat 3  |

### Label Elements

#### **GHS-US Labeling**

#### **Hazard Pictograms (GHS-US)**



#### **Signal Word (GHS-US)**

: Danger

#### **Hazard Statements (GHS-US)**

: H315: Causes skin irritation  
H319: Causes serious eye irritation.  
H336: May cause drowsiness or dizziness.  
H411: Toxic to aquatic life with long lasting effects

#### **Precautionary Statements (GHS-US)**

: P102 Keep out of reach of children.  
P103 Read label before use  
P264 Wash hands thoroughly after handling.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P261 Avoid breathing dust/fume/gas/mist/vapours/spray P271 Use only outdoors or in a well-ventilated area.

#### **Response:**

P302 + P352 IF ON SKIN: wash with plenty of soap and water.

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P333 + P313 IF SKIN irritation or rash occurs: Get medical advice/attention.  
 P362 + P364 take off contaminated clothing and wash it before reuse  
 P305 + P351 + P338 If in eyes: Rinse cautiously with water for several minutes.  
 Remove contact lenses, if present and easy to do. Continue rinsing.  
 P310 If in eyes, immediately call a POISON CENTER or doctor/physician.  
 P304 + P340 IF INHALED: Remove victim to fresh air and Keep at rest in a position comfortable for breathing.  
 P312 Call a POISON CENTER or doctor/physician if you feel unwell.

### Storage:

P405 Store locked up.  
 P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

### Disposal:

P501 Dispose of contents/container to a waste disposal facility in accordance with local, state, federal or international laws

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### Component

| HAZARDOUS INGREDIENTS:                                                                                 | CAS #             | Weight % |
|--------------------------------------------------------------------------------------------------------|-------------------|----------|
| Water                                                                                                  | 7732-18-5         | 30-60    |
| Polymer of polymerized linseed oil, pentaethylene hexamine, DGEBA-epichlorohydrin copoly, DETA and PGE | Not Available     | 10-30    |
| Talc                                                                                                   | 14807-96-6        | 15-40    |
| *Crystalline silica (component of talc)                                                                | 14808-60-7        | <0.1     |
| Propylene glycol monomethyl ether                                                                      | 107-98-2          | 5-10     |
| Mica                                                                                                   | 12001-26-2        | 1-5      |
| 1,2 ethane diamine, n-(2-amino ethyl)                                                                  | 111-40-0          | <1.0     |
| Tetraethylene pentaamine                                                                               | 112-57-2          | <1.0     |
| Ethylenediamine                                                                                        | 4067-16-7         | <1.0     |
| Glacial acetic acid                                                                                    | 64-19-7           | 0.1-1.0  |
| Naphtha, petroleum, heavy                                                                              | 64742-82-1        | 0.1-1.0  |
| 2-ethyl-1-hexanol                                                                                      | 104-76-7          | 0.1-1.0  |
| *glycol ether 2-butoxyethanol                                                                          | 111-76-2          | 0.1-1.0  |
| Proprietary additive                                                                                   | NJTSRN 80963-5170 | 0.1-1.0  |
| Triethanolamine                                                                                        | 102-71-6          | <0.1     |
| Colors may contain the following @10-30%                                                               |                   |          |

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|                       |            |      |
|-----------------------|------------|------|
| *Ethylene glycol      | 107-21-1   | <1.0 |
| *Chromium III oxide   | 1308-38-8  | <0.5 |
| *Carbon               | 1333-86-4  | <1.0 |
| Diethylene Glycol     | 111-46-6   |      |
| Chlorite              | 71949-90-1 |      |
| Propylene glycol      | 57-55-6    |      |
| Iron oxide            | 1332-37-2  |      |
| Petroleum distillates | 64741-88-4 |      |
| Petroleum distillates | 64741-89-5 |      |
| C.I. Pigment Yellow   | 51274-00-1 |      |
| Iron hydroxide oxide  | 20344-49-4 |      |
| Isopropanol           | 67-63-0    |      |
| Barium Sulfate        | 7727-43-7  |      |
| Tributyl phosphate    | 126-73-8   |      |
| Kaolin                | 1332-58-7  |      |
| Titanium dioxide      | 13463-67-7 |      |

**Composition Comments:** Exact concentrations and chemical identities of ingredients not listed above are either classified as non-hazardous or are withheld as a trade secret as covered by OSHA's Hazard Communication Standard, 29 CFR 1910.1200(i).

## SECTION 4: FIRST AID MEASURES

### Description of First Aid Measures

**General:** If you feel unwell, seek medical advice (show the label where possible).

**Inhalation:** REMOVE VICTIM TO FRESH AIR AND ADMINISTER OXYGEN IF NECESSARY

**Skin Contact:** Wash skin thoroughly after handling. Seek medical attention if irritation develops and persists. Remove contaminated clothing. Launder contaminated clothing before re-use.

**Eye Contact:** If product enters the eyes, open eyes while under gentle running water for at least 15 minutes. Seek medical attention if irritation develops.

**Ingestion:** DO NOT INDUCE VOMITING, KEEP PERSON WARM AND CONSULT A PHYSICIAN IMMEDIATELY.

## SECTION 5: FIRE-FIGHTING MEASURES

### Extinguishing Media

**Suitable Extinguishing Media:** Foam, alcohol foam, CO<sub>2</sub>, Dry Chemical, Water, Fog

### Advice for Firefighters

**Fire Fighting Procedures:** Exercise caution when fighting any chemical fire.

**Protection During Firefighting:** Avoid breathing fire gases or vapors. Evacuate area. Keep upwind to avoid inhalation of gases, vapors, fumes and smoke. Ventilate closed spaces before entering them. Cool containers exposed to heat with water spray to

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disperse vapors and protect those stopping the leak. Avoid discharge to the aquatic environment. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.

**Special Protective Equipment for Firefighters:** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Standard Firefighter's clothing includes helmets, protective boots, and gloves will provide a basic level of protection for chemical incidents.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment, and emergency procedures

#### Personal precautions:

Wear protective clothing as described in Section 8 of this safety data sheet. No action shall be taken without appropriate training or involving any personal risk. Do not touch or walk into spilled material. Avoid contact with skin and eyes.

#### Environmental precautions

#### Environmental precautions:

Avoid discharge into drains or watercourses or onto the ground. Avoid discharge to the aquatic environment.

### Methods and Materials for Containment and Cleaning Up

**For Containment:** Contain spilled material if possible. Remove all sources of ignition and ventilate the area. Absorb with materials such as: Dirt. Vermiculite. Sand.

#### Methods for Cleaning Up:

Wear protective clothing as described in Section 8 of this safety data sheet. Clear up spills immediately and dispose of waste safely. Small Spillages: Collect spillage. Large Spillages: Absorb spillage with non-combustible, absorbent material. The contaminated absorbent may pose the same hazard as the spilled material. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. For waste disposal, see Section 13.

#### Reference to Other Sections:

For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

## SECTION 7: HANDLING AND STORAGE

### Precautions for Safe Handling

**General Handling:** Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from food, drink, and animal feeding stuffs. Handle all packages and containers carefully to minimize spills. Keep container tightly sealed when not in use. Avoid the formation of mists. Suspected of causing cancer. May damage fertility. May damage the unborn child. Pregnant or breastfeeding women should not work with this product if there is any risk of exposure. Avoid discharge to the aquatic environment. Do not handle until all safety precautions have been read and understood. Do not handle broken packages without protective equipment. Do not reuse empty containers.

**Advice on General Occupational Hygiene:** Wash promptly if skin becomes contaminated. Take off contaminated clothing and wash before reuse. Wash contaminated clothing before reuse.

### Conditions for Safe Storage

**General:** Store away from incompatible materials (see Section 10). Store locked up. Keep only in the original container. Keep container tightly closed in a cool, well ventilated place. Keep containers upright. Protect containers from damage. Protect from freezing.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### EXPOSURE LIMITS/GUIDELINES:

| HAZARDOUS INGREDIENTS:                                                                                 | CAS #         | OSHA PEL | ACGIH TLV | OSHA STEL |
|--------------------------------------------------------------------------------------------------------|---------------|----------|-----------|-----------|
| Polymer of polymerized linseed oil, pentaethylene hexamine, DGEBA-epichlorohydrin copoly, DETA and PGE | Not Available | None     | None      | None      |

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|                                         |                   |                     |             |            |
|-----------------------------------------|-------------------|---------------------|-------------|------------|
| Talc                                    | 14807-96-6        | 20 mg/m3            | 20 mg/m3    | 20 mg/m3   |
| *Crystalline silica (component of talc) | 14808-60-7        | 0.05 mg/m3          | 0.025 mg/m3 | 0.05 mg/m3 |
| Propylene glycol monomethyl ether       | 107-98-2          | 100 ppm             | 100 ppm     | 150 ppm    |
| Mica                                    | 12001-26-2        | 20 mppcf respirable | 3 mg/m3     | None       |
| 1,2 ethane diamine, n-(2-amino ethyl)   | 111-40-0          | 1 ppm               | 1 ppm       | None       |
| Tetraethylene pentaamine                | 112-57-2          | None                | None        | None       |
| Ethylenediamine                         | 4067-16-7         | 10 ppm              | 10 ppm      | 10 ppm     |
| Glacial acetic acid                     | 64-19-7           | 10 ppm              | 10 ppm      | 15 ppm     |
| Naphtha, petroleum, heavy               | 64742-82-1        | None                | None        | None       |
| 2-ethyl-1-hexanol                       | 104-76-7          | None                | None        | None       |
| *glycol ether 2-butoxyethanol           | 111-76-2          | 25 ppm              | 25 ppm      | None       |
| Proprietary additive                    | NJTSRN 80963-5170 | None                | None        | None       |
| Triethanolamine                         | 102-71-6          | None                | 5 mg/m3     | None       |
| *Ethylene glycol                        | 107-21-1          | 50 ppm              | 50 ppm      | 50 ppm     |
| *Chromium III oxide                     | 1308-38-8         | 0.5 mg/m3           | 0.5 mg/m3   | None       |
| *Carbon                                 | 1333-86-4         | 3.5 ppm             | 3.4 ppm     | None       |
| Diethylene Glycol                       | 111-46-6          | 10 mg/m3            | 10 mg/m3    | None       |
| Chlorite                                | 71949-90-1        | None                | None        | None       |
| Propylene glycol                        | 57-55-6           | None                | None        | None       |
| Iron oxide                              | 1332-37-2         | 5 mg/m3             | 15 mg/m3    | None       |
| Petroleum distillates                   | 64741-88-4        | 400 ppm             | 400 ppm     | 10 mg/m3   |
| Petroleum distillates                   | 64741-89-5        | 5 mg/m3             | 5mg/m3      | 10 mg/m3   |
| C.I. Pigment Yellow                     | 51274-00-1        | None                | None        | None       |
| Iron hydroxide oxide                    | 20344-49-4        | None                | None        | None       |
| Isopropanol                             | 67-63-0           | 400 ppm             | 400 ppm     | 500 ppm    |

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|                    |            |          |           |         |
|--------------------|------------|----------|-----------|---------|
| Barium Sulfate     | 7727-43-7  | 5 mg/m3  | 10 mg/m3  | None    |
| Tributyl phosphate | 126-73-8   | 5 mg/m3  | 2.5 mg/m3 | None    |
| Kaolin             | 1332-58-7  | 15 mg/m3 | 2 mg/m3   | None    |
| Titanium dioxide   | 13463-67-7 | 10 mg/m3 | 10 mg/m3  | 5 mg/m3 |

## Control Parameters

### Occupational Exposure Limits

**VENTILATION AND ENGINEERING CONTROLS:** Use with adequate ventilation to ensure exposure levels are maintained below the limits provided above. Use local exhaust ventilation to control airborne vapor. Ensure eyewash/safety shower stations are available near areas where this product is used.

**RESPIRATORY PROTECTION:** Maintain airborne contaminant concentrations below guidelines listed above, if applicable. If necessary, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Protection Standard (29CFR 1910.134), equivalent U.S. State standards, Canadian CSA Standard Z94.4-93, the European Standard EN149, or EU member states.

**EYE PROTECTION:** Safety glasses or chemical goggles as appropriate to prevent eye contact. If necessary, refer to U.S. OSHA 29 CFR 1910.133 or appropriate Canadian Standards.

**HAND PROTECTION:** Use chemical resistant gloves to prevent skin contact. If necessary, refer to U.S. OSHA 29 CFR 1910.138 or appropriate Standards of Canada.

**BODY PROTECTION:** Use body protection appropriate to prevent contact (e.g. lab coat, overalls). If necessary, refer to appropriate Standards of Canada, or appropriate Standards of the EU, Australian Standards, or relevant Japanese Standards.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### Information on Basic Physical and Chemical Properties

|                                          |                                        |
|------------------------------------------|----------------------------------------|
| <b>PHYSICAL STATE:</b>                   | Liquid                                 |
| <b>APPEARANCE &amp; ODOR:</b>            | Low viscosity liquid in varying colors |
| <b>ODOR THRESHOLD (PPM):</b>             | Not Available                          |
| <b>FLASH POINT:</b>                      | N/A                                    |
| <b>AUTOIGNITION TEMPERATURE:</b>         | Not Established                        |
| <b>VAPOR PRESSURE (mmHg):</b>            | Not Available                          |
| <b>VAPOR DENSITY:</b>                    | Not Available                          |
| <b>EVAPORATION RATE (nBuAc = 1):</b>     | Not Available                          |
| <b>BOILING POINT (C°):</b>               | Not Available                          |
| <b>FREEZING POINT (C°):</b>              | Not Available                          |
| <b>pH:</b>                               | Not Available                          |
| <b>SPECIFIC GRAVITY 20°C: (WATER =1)</b> | 1.4                                    |
| <b>SOLUBILITY IN WATER (%)</b>           | Not Available                          |

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**EXPLOSIVE PROPERTIES:** Not Available

**OXIDISING PROPERTIES:** Not Available

## SECTION 10: STABILITY AND REACTIVITY

**Reactivity:** No additional information available.

**Chemical Stability:** Stable under recommended storage conditions. See Storage, Section 7.

**Possibility of Hazardous Reactions:** No potentially hazardous reactions known.

**Conditions to Avoid:** Avoid excessive heat or open flames as well as all sources of ignition such as sparks, heaters, and static discharges.

**Incompatible Materials:** Can react vigorously with strong oxidizing agents, mineral acids and epoxy resins in uncontrolled amounts

**Hazardous Decomposition Products:** Does not decompose when used and stored as recommended. Thermal decomposition may produce harmful gases or vapors.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Toxicity

Specific Component Data:

#### CAS# 111-40-0

Acute inhalation toxicity: LC50 (4hr) <0.3 mg/l (rat);

Acute dermal toxicity: LD50 rat >5000 mg/kg( rabbit)

Acute oral toxicity: LD50 rat 2960 mg/kg (rat).

#### Acetic Acid

Acute dermal toxicity: LD50 rat 1060 mg/kg( rabbit)

Acute oral toxicity: LD50 rat 3310 mg/kg (rat).

#### CAS# 107-98-2

Acute oral Toxicity -LD50 4016 mg/kg (rat)

Acute dermal Toxicity LD50 >2000 mg/kg (rabbit)

Acute Inhalation Toxicity LC50 > 25.8 mg/L (rat)

#### CAS #: 64742-82-1

Acute Oral Toxicity: LD50 >5000mg/kg

Acute Dermal Toxicity LD50 >3000 mg/kg (rabbit)

Acute inhalation toxicity: LC50 (4hr) >11.6 mg/l (rat);

#### Ethylene Glycol CAS# 107-21-1

Acute oral toxicity: LD50 rat 4000 mg/kg (rat).

#### CAS# 51274-00-1

Acute Oral Toxicity: LD50 >5000 mg/kg

Acute Dermal Toxicity LD50 10500 mg/kg (rabbit)

#### Diethylene Glycol CAS# 111-46-6

Acute oral Toxicity -LD50 20760 mg/kg (rat)

Acute dermal Toxicity LD50 13300 mg/kg (rabbit)

#### Chromium III oxide CAS# 1308-38-8

Acute oral toxicity LD50 > 5000mg/kg (rat)

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|                                                  |
|--------------------------------------------------|
| <b>Titanium Dioxide</b>                          |
| Acute oral Toxicity -LD50 >5000 mg/kg (rat)      |
| Acute Inhalation Toxicity LC50 > 6.82 mg/L (rat) |

|                                                |
|------------------------------------------------|
| <b>CAS# 112-57-2</b>                           |
| Acute oral Toxicity -LD50 3990 mg/kg (rat)     |
| Acute dermal Toxicity LD50 0.66 mg/kg (rabbit) |

|                                                  |
|--------------------------------------------------|
| <b>Triethanolamine</b>                           |
| Acute Oral Toxicity LD50 4190 mg/kg (rat)        |
| Acute Dermal Toxicity LD50 >2000 mg/kg (rabbit)  |
| inhalation NOAEL: > 0.5 mg/ml (rat, male/female) |

## Information on Toxicological Effects – Product

**TOXICITY DATA:** Toxicity data is not available for this product:

**IRRITANCY OF PRODUCT:** Contact with this product can be irritating to exposed skin, eyes, and respiratory system.

**SENSITIZATION OF PRODUCT:** This product is considered a skin sensitizer.

## SECTION 12: ECOLOGICAL INFORMATION

### Ecotoxicity

Specific Component Data:

|                                                                                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Acetic Acid</b>                                                                                                                                                              |
| Ecotoxicity in water( LC50) 423 mg/l 24 hours [Fish (goldfish)] , 88 ppm 96 hours [Fish (fathead minnow)], 75ppm 96 hours [Fish (bluegill sunfish)] >100 ppm 96 hours [Daphnia] |
| BOD-5: 0.34-0.88 g/oxygen/g                                                                                                                                                     |

|                                                                                                                                                                                                                                                                                                                                                                                      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>CAS# 107-98-2</b>                                                                                                                                                                                                                                                                                                                                                                 |
| Material is readily biodegradable and is practically non-toxic to aquatic organisms on an acute basis (LC50/EC50/EL50/LL50 >100mg/l in the most sensitive species tested.. LC50 fathead minnow 96 hr 20800 mg/l, LC50 water flea 48 hr lethally 23300 mg/l, EbC50 green algae biomass growth inhibition 7 d >1000 mg/l. Toxicity to microorganisms IC50 activated sludge > 1000 mg/l |

|                                                                                                                      |
|----------------------------------------------------------------------------------------------------------------------|
| <b>Triethanolamine</b>                                                                                               |
| Biodegradation: Aerobic, 82% exposure time 8 days, inherently biodegradable. Biological Oxygen demand (BOD) 0.5 mg/g |
| Acute and Prolonged Toxicity to fish LC50 >5000 mg/ml (fathead minnow), 96 h;                                        |
| Acute Toxicity to Aquatic Invertebrates EC50: 216-750 mg/l end point (green algae), 72 hr.                           |

|                                                                                                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Titanium Dioxide</b>                                                                                                                                                          |
| Pimephales promelas (fathead minnow) < 1000 mg/l @ 96h LC50; Pseudokirchneriella subcapitata (green algae) 61 mg/l @ 72h EC50; Daphnia magna (water flea) > 1000 mg/l @ 48h EC50 |
| Acute and Prolonged Toxicity to Fish LC50: 560-1000 mg/l (guppy)                                                                                                                 |
| Acute Toxicity to Aquatic Invertebrates EC50 >1000 mg/l (water Flea)                                                                                                             |

### Persistence and Degradability

No known applicable information.

### Mobility in Soil

**Mobility in Soil:** No data available

## SECTION 13: DISPOSAL CONSIDERATIONS

**Waste Disposal Recommendations:** Waste generation should be minimized or avoided wherever possible. Reuse or recycle products wherever possible. This material and its container must be disposed of in a safe way. When handling waste, the safety precautions applying to handling of the product should be considered. Care should be taken when handling emptied containers



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that have not been thoroughly cleaned or rinsed out. Empty containers or liners may retain some product residues and hence be potentially hazardous.

**Unused and Contaminated Product:** Do not empty into drains. Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labeled with their contents. Incineration or landfill should only be considered when recycling is not feasible.

### SECTION 14: TRANSPORT INFORMATION

#### 14.1 In Accordance with DOT

**Proper Shipping Name** : Not regulated  
**Hazard Class** :  
**Identification Number** :  
**Packing Group** :

#### 14.2 In Accordance with IMDG

**Proper Shipping Name** : Not regulated  
**Hazard Class** :  
**Identification Number** :  
**Packing Group** :

#### 14.3 In Accordance with IATA

**Proper Shipping Name** : Not regulated  
**Hazard Class** :  
**Identification Number** :  
**Packing Group** :

### SECTION 15: REGULATORY INFORMATION

#### US Federal Regulations

OSHA 29 CFR 1910-1200 –See section 2

TSCA – All components of this product are listed on TSCA Inventory.

CERCLA Reportable Quantity – None known

RCRA – Refer to section 13.

#### US State Regulations

#### Component data:

#### State Right to Know:

| Component        | Massachusetts | New Jersey | Pennsylvania | Illinois | Rhode Island | Florida | Minnesota |
|------------------|---------------|------------|--------------|----------|--------------|---------|-----------|
| Acetic Acid      | X             | X          | X            |          | X            | X       | X         |
| CAS # 107-98-2   |               |            | X            |          |              |         |           |
| CAS# 12001-26-2  | X             |            | X            |          |              |         |           |
| Titanium Dioxide |               | X          | X            |          |              |         |           |
| CAS# 112-57-2    | X             | X          | X            |          |              |         |           |

### SECTION 16: OTHER INFORMATION

**Revision Date** : 01/16/2023

**Other Information** : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

**Party Responsible for the Preparation of This Document** : The Garland Company, Inc.  
3800 East 91<sup>st</sup> Street  
Cleveland, Ohio 44105-2197  
T-1800-762-8225  
F-216-641-0633

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*This information is based on our knowledge as of the Revision Date and is intended to describe the product only for the purposes of health, safety and environmental requirements as of the Revision Date. It should not therefore be construed as guaranteeing any specific property of the product nor as providing any warranty, expressed or implied. The user assumes all responsibility, liability, risk of loss, damage, or expense arising out of, or in any way connected with, the handling, storage, use, or disposal of the product.*

North America GHS US 2019 & WHMIS

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## SECTION 1: IDENTIFICATION

### Product Identifier

**Product Form:** Mixture

**Product Name:** Tread-Shield Primer WB Part B

**Product Code:** 2010

### Intended Use of the Product

Primer. For professional use only.

### Name, Address, and Telephone of the Responsible Party

#### **Manufacturer**

The Garland Company, Inc.  
3800 East 91<sup>st</sup> Street  
Cleveland, Ohio 44105-2197  
T-800-762-8225  
F-216-641-0633  
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T-416-747-7995 ; 800-387-5991  
F-416-747-1980

### Emergency Telephone Number

**Emergency Number:** 1-800-262-8200 (CHEMTREC)

## SECTION 2: HAZARDS IDENTIFICATION

### Classification of the Substance or Mixture

#### **Classification (GHS-US):**

Serious eye irritation    Cat 2A  
Skin damage                Cat 2  
Skin sensitizer             Cat 1  
Chronic aquatic hazard    Cat 2

### Label Elements

#### **GHS-US Labeling**

#### **Hazard Pictograms (GHS-US)**

:



#### **Signal Word (GHS-US)**

:

Warning

#### **Hazard Statements (GHS-US)**

:

H315: Causes skin irritation  
H319: Causes serious eye irritation  
H317: May cause an allergic skin reaction  
H411: Toxic to aquatic life with long lasting effects

#### **Precautionary Statements (GHS-US)**

:

P102 Keep out of reach of children.  
P103 Read label before use  
P264 Wash hands thoroughly after handling.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
P272 Contaminated work clothing should not be allowed out of the workplace.  
P273 Avoid release to the environment.  
Response  
P302 + P352 IF ON SKIN: wash with plenty of soap and water.  
P333 + P313 IF SKIN irritation or rash occurs: Get medical advice/attention.  
P362 + P364 take off contaminated clothing and wash it before reuse.  
P305 + P351 + P338 If in eyes: Rinse cautiously with water for several minutes.  
Remove contact lenses, if present and easy to do. Continue rinsing.

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P337 + P313 IF eye irritation persists: Get medical advice/attention.

P391 Collect spillage.

P501 Dispose of contents/container to a waste disposal facility in accordance with local, state, federal or international laws

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### Component

| HAZARDOUS INGREDIENTS:                   | CAS #      | Weight % |
|------------------------------------------|------------|----------|
| Modified diglycidyl ether of bisphenol A | 25068-38-6 | 60-100   |
| Alkyl glycidyl ether                     | 68609-97-2 | 10-30    |

**Composition Comments:** Exact concentrations and chemical identities of ingredients not listed above are either classified as non-hazardous or are withheld as a trade secret as covered by OSHA's Hazard Communication Standard, 29 CFR 1910.1200(i).

- \*Indicates toxic chemicals subject to reporting requirements of section 313 of Title III and of 40 CFR 372 are present.

### SECTION 4: FIRST AID MEASURES

#### Description of First Aid Measures

**General:** If you feel unwell, seek medical advice (show the label where possible).

**Inhalation:** REMOVE VICTIM TO FRESH AIR AND ADMINISTER OXYGEN IF NECESSARY

**Skin Contact:** Wash skin thoroughly after handling. Seek medical attention if irritation develops and persists. Remove contaminated clothing. Launder contaminated clothing before re-use.

**Eye Contact:** If product enters the eyes, open eyes while under gentle running water for at least 15 minutes. Seek medical attention if irritation develops.

**Ingestion:** DO NOT INDUCE VOMITING, KEEP PERSON WARM AND CONSULT A PHYSICIAN IMMEDIATELY.

### SECTION 5: FIRE-FIGHTING MEASURES

#### Extinguishing Media

**Suitable Extinguishing Media:** Foam, alcohol foam, CO2, Dry Chemical, Water, Fog

#### Advice for Firefighters

**Fire Fighting Procedures:** Exercise caution when fighting any chemical fire.

**Protection During Firefighting:** Avoid breathing fire gases or vapors. Evacuate area. Keep upwind to avoid inhalation of gases, vapors, fumes and smoke. Ventilate closed spaces before entering them. Cool containers exposed to heat with water spray to disperse vapors and protect those stopping the leak. Avoid discharge to the aquatic environment. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.

**Special Protective Equipment for Firefighters:** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Standard Firefighter's clothing includes helmets, protective boots, and gloves will provide a basic level of protection for chemical incidents.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

#### Personal precautions, protective equipment, and emergency procedures

**Personal precautions:** Wear protective clothing as described in Section 8 of this safety data sheet. No action shall be taken without appropriate training or involving any personal risk. Do not touch or walk into spilled material. Avoid contact with skin and eyes.

#### Environmental precautions

**Environmental precautions:** Avoid discharge into drains or watercourses or onto the ground. Avoid discharge to the aquatic environment.

#### Methods and Materials for Containment and Cleaning Up

**For Containment:** Contain spilled material if possible. Remove all sources of ignition and ventilate the area. Absorb with materials such as: Dirt. Vermiculite. Sand.

**Methods for Cleaning Up:** Wear protective clothing as described in Section 8 of this safety data sheet. Clear up spills immediately and dispose of waste safely. Small Spillages: Collect spillage. Large Spillages: Absorb

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spillage with non-combustible, absorbent material. The contaminated absorbent may pose the same hazard as the spilled material. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. For waste disposal, see Section 13.

### Reference to Other Sections:

For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

## SECTION 7: HANDLING AND STORAGE

### Precautions for Safe Handling

**General Handling:** Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from food, drink, and animal feeding stuffs. Handle all packages and containers carefully to minimize spills. Keep container tightly sealed when not in use. Avoid the formation of mists. Suspected of causing cancer. May damage fertility. May damage the unborn child. Pregnant or breastfeeding women should not work with this product if there is any risk of exposure. Avoid discharge to the aquatic environment. Do not handle until all safety precautions have been read and understood. Do not handle broken packages without protective equipment. Do not reuse empty containers.

**Advice on General Occupational Hygiene:** Wash promptly if skin becomes contaminated. Take off contaminated clothing and wash before reuse. Wash contaminated clothing before reuse.

### Conditions for Safe Storage

**General:** Store away from incompatible materials (see Section 10). Store locked up. Keep only in the original container. Keep container tightly closed in a cool, well ventilated place. Keep containers upright. Protect containers from damage. This product polymerizes when in contact with moisture.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### EXPOSURE LIMITS/GUIDELINES:

| HAZARDOUS INGREDIENTS:                   | CAS #      | OSHA PEL | ACGIH TLV | OSHA STEL |
|------------------------------------------|------------|----------|-----------|-----------|
| Modified diglycidyl ether of bisphenol A | 25068-38-6 | None     | None      | None      |
| Alkyl glycidyl ether                     | 68609-97-2 | None     | None      | None      |

### Control Parameters

#### Occupational Exposure Limits

**VENTILATION AND ENGINEERING CONTROLS:** Use with adequate ventilation to ensure exposure levels are maintained below the limits provided above. Use local exhaust ventilation to control airborne vapor. Ensure eyewash/safety shower stations are available near areas where this product is used.

**RESPIRATORY PROTECTION:** Maintain airborne contaminant concentrations below guidelines listed above, if applicable. If necessary, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Protection Standard (29CFR 1910.134), equivalent U.S. State standards, Canadian CSA Standard Z94.4-93, the European Standard EN149, or EU member states.

**EYE PROTECTION:** Safety glasses or chemical goggles as appropriate to prevent eye contact. If necessary, refer to U.S. OSHA 29 CFR 1910.133 or appropriate Canadian Standards.

**HAND PROTECTION:** Use chemical resistant gloves to prevent skin contact. If necessary, refer to U.S. OSHA 29 CFR 1910.138 or appropriate Standards of Canada.

**BODY PROTECTION:** Use body protection appropriate to prevent contact (e.g. lab coat, overalls). If necessary, refer to appropriate Standards of Canada, or appropriate Standards of the EU, Australian Standards, or relevant Japanese Standards.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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### Information on Basic Physical and Chemical Properties

|                                   |                      |
|-----------------------------------|----------------------|
| PHYSICAL STATE:                   | Liquid               |
| APPEARANCE & ODOR:                | Low viscosity liquid |
| ODOR THRESHOLD (PPM):             | Not Available        |
| FLASH POINT:                      | Not Available        |
| AUTOIGNITION TEMPERATURE:         | Not Established      |
| VAPOR PRESSURE (mmHg):            | Not Available        |
| VAPOR DENSITY:                    | Not Available        |
| EVAPORATION RATE (nBuAc = 1):     | Not Available        |
| BOILING POINT (C°):               | Not Available        |
| FREEZING POINT (C°):              | Not Available        |
| pH:                               | Not Available        |
| SPECIFIC GRAVITY 20°C: (WATER =1) | 1.1                  |
| SOLUBILITY IN WATER (%)           | Not Available        |
| EXPLOSIVE PROPERTIES:             | Not Available        |
| OXIDISING PROPERTIES:             | Not Available        |

### SECTION 10: STABILITY AND REACTIVITY

**Reactivity:** No additional information available.

**Chemical Stability:** Stable under recommended storage conditions. See Storage, Section 7.

**Possibility of Hazardous Reactions:** No potentially hazardous reactions known.

**Conditions to Avoid:** Avoid excessive heat or open flames as well as all sources of ignition such as sparks, heaters, and static discharges.

**Incompatible Materials:** Avoid strong oxidizing agents, strong Lewis acids and mineral acids

**Hazardous Decomposition Products:** May form toxic chemicals, CO<sub>2</sub>, aldehydes, acids.

### SECTION 11. TOXICOLOGICAL INFORMATION

Specific Component Data:

|                                                   |
|---------------------------------------------------|
| <b>CAS# 25068-38-6</b>                            |
| Acute Oral Toxicity: LD50 > 5000 mg/kg (rat)      |
| Acute Dermal Toxicity: LD50 > 6000 mg/kg (rabbit) |

|                                                 |
|-------------------------------------------------|
| <b>CAS# 68609-97-2</b>                          |
| Acute Oral Toxicity: LD50 > >10000 mg/kg (rat). |

### Information on Toxicological Effects – Product

**TOXICITY DATA:** Toxicity data is not available for this product:

**IRRITANCY OF PRODUCT:** Contact with this product can be irritating to exposed skin, eyes, and respiratory system.

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**SENSITIZATION OF PRODUCT:** This product is considered a skin sensitizer.

## SECTION 12: ECOLOGICAL INFORMATION

### Toxicity

CAS# 25068-38-6

Fish toxicity: Rainbow trout (96hr) LC50 1.5mg/l,

Invertebrate Toxicity: Daphnia Toxicity (24hr) EC 50 3.6 mg/l

### Persistence and Degradability

No known applicable information.

### Mobility in Soil

**Mobility in Soil:** No data available

## SECTION 13: DISPOSAL CONSIDERATIONS

**Waste Disposal Recommendations:** Waste generation should be minimized or avoided wherever possible. Reuse or recycle products wherever possible. This material and its container must be disposed of in a safe way. When handling waste, the safety precautions applying to handling of the product should be considered. Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out. Empty containers or liners may retain some product residues and hence be potentially hazardous.

**Unused and Contaminated Product:** Do not empty into drains. Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labeled with their contents. Incineration or landfill should only be considered when recycling is not feasible.

## SECTION 14: TRANSPORT INFORMATION

### 14.1 In Accordance with DOT

**Proper Shipping Name** : Not regulated in non-bulk packaging  
**Hazard Class** :  
**Identification Number** :  
**Packing Group** :

### 14.2 In Accordance with IMDG

**Proper Shipping Name** : Environmentally hazardous substances, liquid,  
n.o.s.(Contains Bisphenol A Diglycidyl Ether Polymer)  
MARINE POLLUTANT  
**Hazard Class** : 9  
**Identification Number** : UN 3082  
**Packing Group** : 3

### 14.3 In Accordance with IATA

**Proper Shipping Name** : Environmentally hazardous substances, liquid,  
n.o.s.(Contains Bisphenol A Diglycidyl Ether Polymer)  
MARINE POLLUTANT  
**Hazard Class** : 9  
**Identification Number** : UN 3082  
**Packing Group** : 3

## SECTION 15: REGULATORY INFORMATION

### US Federal Regulations

OSHA 29 CFR 1910-1200 –See section 2

TSCA – All components of this product are listed on TSCA Inventory.

SARA Extremely Hazardous Substances - None

CERCLA Reportable Quantity – None

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SARA Title III: Section 302 Extremely Hazardous Substances – None  
Section 304 – Not applicable.  
Section 311/312 – Acute health and Chronic Health  
Section 313 – Xylene, 1.0% threshold value

RCRA – Refer to section 13.

### US State Regulations

#### *Right to Know Programs*

| HAZARDOUS INGREDIENTS:                   | CAS #      | NJ | PA |
|------------------------------------------|------------|----|----|
| Modified diglycidyl ether of bisphenol A | 25068-38-6 | X  | X  |
| Alkyl glycidyl ether                     | 68609-97-2 | X  | X  |

## SECTION 16: OTHER INFORMATION

**Revision Date** : 01/16/23

**Other Information** : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

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