



# Material Safety Data Sheet

| NFPA  | HMIS / WHMIS | PPE  | Transport Symbol |
|---|--------------|--|------------------|
|  |              |  | Not regulated    |

Revision Date 09-Dec-2010

Revision Number 1

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** GLOSSY PEARL WHITE

**Product Code(s)** 60407

**Product Type** Polyester TGIC

**Manufactured by:** The Eastwood Company  
263 Shoemaker Road  
Pottstown, PA 19464

**Emergency Contact Number** 800-345-1178

**Telephone for Information** (610)-323-2200  
Chemtrec 1-800-424-9300

## 2. HAZARDS IDENTIFICATION

### Emergency Overview

May cause skin and eye irritation

**Appearance** Powder

**Physical State** Solid/Powder

**Odor** Odorless

### OSHA Regulatory Status

This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

### Potential Health Effects

#### Acute Toxicity

**Eyes**

No known effect based on information supplied

**Skin**

No known effect based on information supplied

**Inhalation**

No known effect based on information supplied

**Ingestion**

No known effect based on information supplied

#### Chronic Effects

No known effect

#### Aggravated Medical Conditions

None known

#### Environmental Hazard

See Section 12 for additional Ecological Information

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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Hazardous Components

| Components  | CAS-No     | Weight %       |
|---|------------|----------------|
| Titanium Dioxide  | 13463-67-7 | 30-60%         |
| TGIC/1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3,5-tris(oxiranylmethyl)- | 2451-62-9  | 1-10%          |
| Silica  | 7631-86-9  | 1-10%          |
| Barium sulfate  | 7727-43-7  | Less than 1.0% |

### 4. FIRST AID MEASURES

|                    |   |
|--------------------|---|
| Eye Contact        | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes |
| Skin Contact       | Wash skin with soap and water   |
| Inhalation         | Move to fresh air   |
| Ingestion          | Never give anything by mouth to an unconscious person                                   |
| Notes to Physician | Treat symptomatically   |

### 5. FIRE-FIGHTING MEASURES

|                               |   |
|-------------------------------|---|
| Flammable Properties          | Powdered material may form explosive dust-air mixtures                |
| Suitable Extinguishing Media  | Water spray, dry chemical, carbon dioxide (CO <sub>2</sub> ), or foam |
| Hazardous Combustion Products | Carbon oxides   |

#### Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

|             |                 |                |             |                                   |
|-------------|-----------------|----------------|-------------|-----------------------------------|
| <u>NFPA</u> | Health Hazard 0 | Flammability 1 | Stability 0 | Physical and Chemical Hazards N/A |
|-------------|-----------------|----------------|-------------|-----------------------------------|

### 6. ACCIDENTAL RELEASE MEASURES

|                         |   |
|-------------------------|---|
| Personal Precautions    | Wear protective gloves/clothing and eye/face protection |
| Methods for Containment | Prevent further leakage or spillage if safe to do so    |
| Methods for Cleaning Up | Pick up and transfer to properly labeled containers     |

### 7. HANDLING AND STORAGE

|          |   |
|----------|---|
| Handling | Handle in accordance with good industrial hygiene and safety practice |
|----------|---|

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**Storage** Store in a dry, air conditioned place below 80F

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure Guidelines** This product, as supplied, contains the following materials with occupational exposure limits established by the region specific regulatory bodies

| Components  | ACGIH TLV                   | OSHA PEL   | NIOSH IDLH   |
|---|-----------------------------|--|--|
| Titanium Dioxide  | TWA: 10 mg/m <sup>3</sup>   | TWA: 15 mg/m <sup>3</sup><br>(vacated) TWA: 10 mg/m <sup>3</sup> | IDLH: 5000 mg/m <sup>3</sup>                             |
| TGIC/1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3,5-tris(oxiranylmethyl)- | TWA: 0.05 mg/m <sup>3</sup> |  |  |
| Silica  |                             |  | IDLH: 3000 mg/m <sup>3</sup><br>TWA: 6 mg/m <sup>3</sup> |
| Barium sulfate  | TWA: 10 mg/m <sup>3</sup>   | (vacated) TWA: 5 mg/m <sup>3</sup>                               | TWA: 5 mg/m <sup>3</sup>                                 |

**Engineering Measures** Showers  
Eyewash stations  
Ventilation systems

### Personal Protective Equipment

#### Eye/Face Protection

Eye protection

#### Skin and Body Protection

Wear protective gloves/clothing

#### Respiratory Protection

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn

**Hygiene Measures** Handle in accordance with good industrial hygiene and safety practice

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                                   |                          |                                 |                             |
|-----------------------------------|--------------------------|---------------------------------|-----------------------------|
| <b>Appearance</b>                 | Powder                   | <b>Odor</b>                     | Odorless                    |
| <b>Physical State</b>             | Solid/Powder             | <b>pH</b>                       | Approximately neutral       |
| <b>Flash Point</b>                | Not applicable           | <b>Autoignition Temperature</b> | Not applicable              |
| <b>Boiling Point/Range</b>        | Not applicable           | <b>Melting Point/Range</b>      | Melting Point/Range 50-70°C |
| <b>Freezing point</b>             | Not applicable           |                                 |                             |
| <b>Flammability Limits in Air</b> | No information available | <b>Explosion Limits</b>         | 30-70 g/m <sup>3</sup>      |
| <b>Specific Gravity</b>           | 1.2-1.8                  | <b>VOC Content</b>              | None                        |
| <b>HAPS data</b>                  | Not applicable           |                                 |                             |

## 10. STABILITY AND REACTIVITY

**Stability** Stable under recommended storage conditions

**Incompatible Products** None known based on information supplied

**Conditions to Avoid** None known based on information supplied

**Hazardous Decomposition Products** May emit toxic fumes under fire conditions - carbon monoxide, carbon dioxide, nitrogen oxides, and hydrogen chloride

**Hazardous Reactions** Hazardous polymerization does not occur

## 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

#### Product Information

Substances which cause concern for man owing to possible mutagenic effects but for which the available information is not adequate for making a satisfactory assessment.

#### Irritation

Repeated or prolonged exposure may cause irritation of eyes and skin

| Components  | LD50 Oral           | LD50 Dermal           | LC50 Inhalation |
|---|---------------------|-----------------------|-----------------|
| Titanium Dioxide  | 10000 mg/kg ( Rat ) |                       |                 |
| TGIC/1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3,5-tris(oxiranylmethyl)- | 188 mg/kg ( Rat )   |                       |                 |
| Silica  | 5000 mg/kg ( Rat )  | 2000 mg/kg ( Rabbit ) |                 |

### Chronic Toxicity

#### Carcinogenicity

The table below indicates whether each agency has listed any ingredient as a carcinogen

| Components       | ACGIH | IARC     | NTP | OSHA |
|------------------|-------|----------|-----|------|
| Titanium Dioxide |       | Group 2B |     | X    |

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

The environmental impact of this product has not been fully investigated

| Components | Toxicity to Algae    | Toxicity to Fish                       | Microtox | Daphnia Magna (Water Flea) |
|------------|----------------------|--|----------|----------------------------|
| Silica     | EC50 = 440 mg/L 72 h | LC50= 5000 mg/L Brachydanio rerio 96 h |          | EC50 = 7600 mg/L 48 h      |

## 13. DISPOSAL CONSIDERATIONS

#### Waste Disposal Method

Dispose of contents/container in accordance with local regulation

## 14. TRANSPORT INFORMATION

#### DOT

Not regulated

#### TDG

Not regulated

#### MEX

Not regulated

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**14. TRANSPORT INFORMATION**

**IATA** Not regulated

**IMDG/IMO** Not regulated

**15. REGULATORY INFORMATION****International Inventories**

|                      |                 |
|----------------------|-----------------|
| <b>TSCA</b>          | Complies        |
| <b>DSL</b>           | Complies        |
| <b>EINECS/ELINCS</b> | Does not Comply |
| <b>ENCS</b>          | Does not Comply |
| <b>IECSC</b>         | Does not Comply |
| <b>KECL</b>          | Does not Comply |
| <b>PICCS</b>         | Does not Comply |
| <b>AICS</b>          | Does not Comply |

**U.S. Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains the following chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

**SARA 311/312 Hazard Categories**

|  |    |
|--|----|
| <b>Acute Health Hazard</b>               | No |
| <b>Chronic Health Hazard</b>             | No |
| <b>Fire Hazard</b>                       | No |
| <b>Sudden Release of Pressure Hazard</b> | No |
| <b>Reactive Hazard</b>                   | No |

**Clean Water Act**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)**

This product does not contain any substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990

**CERCLA**

This material, as supplied, contains the following substance(s) regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

**U.S. State Regulations****California Proposition 65**

This product contains the following Proposition 65 chemicals:

**U.S. State Right-to-Know Regulations**

| Components  | Massachusetts | New Jersey | Pennsylvania | Illinois | Rhode Island |
|---|---------------|------------|--------------|----------|--------------|
| Titanium Dioxide  | X             | X          | X            |          | X            |
| TGIC/1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3,5-tris(oxiranylmethyl)- |               | X          |              |          |              |
| Barium sulfate  | X             | X          | X            |          | X            |

### International Regulations

| Components       | Carcinogen Status | Exposure Limits   |
|------------------|-------------------|---|
| Titanium Dioxide |                   | Mexico: TWA= 10 mg/m <sup>3</sup><br>Mexico: STEL= 20 mg/m <sup>3</sup> |
| Barium sulfate   |                   | Mexico: TWA= 0.5 mg/m <sup>3</sup>                                      |

### Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

### WHMIS Hazard Class

Not determined

## 16. OTHER INFORMATION

### Prepared By

Verified by Quality Control Department

### Revision Date

09-Dec-2010

### Disclaimer

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

**End of MSDS**