



DO THE JOB RIGHT.

# SAFETY DATA SHEET

Revision Date 19-Dec-2016

Revision Number 4

## 1. IDENTIFICATION

### Product Identifier

**Product Name** 16244A Hotcoat Powder Bird Yellow Bulk

### Other means of identification

**Product Code(s)** 16244A

**Product Type** Polyester TGIC

### Recommended use of the chemical and restrictions on use

**Recommended Use** Industrial Coating. **Uses**  
**advised against** No information available

### Details of the supplier of the safety data sheet

#### **Supplier Address**

Eastwood Company  
263 Shoemaker Road Pottstown, PA 19464

**Company Phone Number** (800) 343-9353

**Emergency Telephone Number** CHEMTREC (800) 424-9300

## 2. HAZARDS IDENTIFICATION

### Classification

#### **OSHA Regulatory Status**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Serious eye damage/eye irritation	Category 1
Skin sensitization	Category 1
Germ cell mutagenicity	Category 1B
Carcinogenicity	Category 2
Specific target organ toxicity (repeated exposure)	Category 2

### Label elements

#### **Emergency Overview**

**Signal Word** Danger

#### **Hazard Statements**

Causes serious eye damage  
May cause an allergic skin reaction  
May cause genetic defects  
Suspected of causing cancer



**Appearance** Powder

**Physical State** Solid, powder

**Odor** None

#### Precautionary Statements - Prevention

Obtain special instructions before use  
Do not handle until all safety precautions have been read and understood  
Wear protective gloves/protective clothing/eye protection/face protection  
Contaminated work clothing must not be allowed out of the workplace  
Do not breathe dust/fume/gas/mist/vapors/spray

#### Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention  
Specific treatment (see Section 4 on this SDS)  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
Immediately call a POISON CENTER or doctor  
IF ON SKIN: Wash with plenty of water and soap  
If skin irritation or rash occurs: Get medical advice/attention  
Wash contaminated clothing before reuse

#### Precautionary Statements - Storage

Store in a dry place

#### Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

#### Hazards not otherwise classified (HNOC)

Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard  
Product dust may be irritating to eyes, skin and respiratory system

#### Other Information

Unknown acute toxicity 5.0000422 % of the mixture consists of ingredient(s) of unknown toxicity

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Substance

Components	CAS No.	Weight-%	Trade Secret
Titanium dioxide	13463-67-7	15-30	*
Triglycidyl Isocyanurate (TGIC)	2451-62-9	1-5%	*
Barium sulfate	7727-43-7	1-5%	*

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

### 4. FIRST AID MEASURES

#### Description of first aid measures

<b>Eye Contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
<b>Skin Contact</b>	Wash off immediately with soap and plenty of water. Take off contaminated clothing and wash before reuse. In the case of skin irritation or allergic reactions see a physician.
<b>Inhalation</b>	Remove to fresh air.
<b>Ingestion</b>	None under normal use conditions. Clean mouth with water and drink afterwards plenty of water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Consult a physician if necessary.

**Notes to Physician**

Treat symptomatically.

**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**Use, Foam, Dry chemical or CO<sub>2</sub>**Unsuitable Extinguishing Media**

Do not use a solid water stream as it may scatter and spread fire.

**Specific Hazards Arising from the Chemical**

Fine dust dispersed in air may ignite. Prevent fire extinguishing water from contaminating surface water or the ground water system.

**Explosion Data****Sensitivity to mechanical impact** None.**Sensitivity to static discharge** None.**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.

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures****Personal Precautions**

Ensure adequate ventilation. Use personal protection equipment. Avoid dust formation. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Respiratory protection must be provided in accordance with current local regulations.

**Environmental precautions****Environmental precautions**

See Section 12 for additional Ecological Information.

**Methods and material for containment and cleaning up****Methods for Cleaning Up**

Prevent environmental discharge consistent with regulatory requirements. Use non-sparking tools. Pick up and transfer to properly labeled containers. Disposal should be in accordance with applicable regional, national and local laws and regulations.

**7. HANDLING AND STORAGE****Precautions for safe handling****Handling**

Use personal protection equipment. Avoid contact with eyes, skin and clothing. Do not breathe dust. Avoid dust formation. Do not ingest.

**Conditions for safe storage, including any incompatibilities****Storage**

Keep only in the original container at a temperature not exceeding .? °C. Keep container tightly closed. Store in accordance with local regulations. Store in a dry place.

**Incompatible Products**

Strong oxidizing agents.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Control parameters****Exposure Guidelines**

Components	ACGIH TLV	OSHA PEL	NIOSH IDLH	AIHA - WEEL
Titanium dioxide 13463-67-7	TWA: 10 mg/m <sup>3</sup>	TWA: 15 mg/m <sup>3</sup> (vacated) TWA: 10 mg/m <sup>3</sup>	IDLH: 5000 mg/m <sup>3</sup>	-
Triglycidyl Isocyanurate (TGIC) 2451-62-9	TWA: 0.05 mg/m <sup>3</sup>	-	-	-
Barium sulfate	TWA: 5 mg/m <sup>3</sup>	TWA: 15 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup>	-

7727-43-7		TWA: 5 mg/m <sup>3</sup> (vacated) TWA: 10 mg/m <sup>3</sup> (vacated) TWA: 5 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup>	
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#### Appropriate engineering controls

**Engineering Measures**

Showers  
Eyewash stations  
Ventilation systems.

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

**Eye/Face Protection** Avoid contact with eyes. Eye protection.

**Skin and Body Protection** Wear protective gloves/protective clothing.

**Respiratory Protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**Hygiene Measures** Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product. Take off contaminated clothing and wash before reuse.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

#### Information on basic physical and chemical properties

<b>Physical State</b>	Solid, powder	<b>Odor</b>	Odorless
<b>Appearance</b>	Powder	<b>Odor Threshold</b>	No data available
<b>Color</b>	No information available		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>pH</b>	Specific test data for the substance or mixture is not available	
<b>Melting point / freezing point</b>	No information available	
<b>Boiling Point / Boiling Range</b>	Specific test data for the substance or mixture is not available	
<b>Flash Point</b>	Specific test data for the substance or mixture is not available	
<b>Evaporation Rate</b>	No information available	
<b>Flammability (solid, gas)</b>	No information available	
<b>Flammability Limit in Air</b>		
Upper Explosive Limits	70 g/m <sup>3</sup>	
Lower Explosive Limits	30 g/m <sup>3</sup>	
<b>Vapor pressure</b>	Negligible	
<b>Vapor Density</b>	Specific test data for the substance or mixture is not available	
<b>Specific Gravity</b>	1.2-1.8	
<b>Water Solubility</b>	Immiscible in water	
<b>Solubility in other solvents</b>	Specific test data for the substance or mixture is not available	
<b>Partition coefficient</b>	No information available	
<b>Autoignition Temperature</b>		
<b>Decomposition Temperature</b>	No information available	
<b>Kinematic viscosity</b>	No information available	
<b>Dynamic viscosity</b>	Specific test data for the substance or mixture is not available	
<b>Explosive Properties</b>	No information available	
<b>Oxidizing Properties</b>	No information available	

#### Other Information

**Softening Point** Specific test data for the substance or mixture is not available

**Solids** 100%

## 10. STABILITY AND REACTIVITY

**Reactivity**

No data available

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Conditions to Avoid**

Excessive heat.

**Incompatible Materials**

Strong oxidizing agents, strong acids, and strong bases.

**Hazardous Decomposition Products**

Thermal decomposition can lead to release of irritating gases and vapors. Carbon oxides.

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure**

**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.

**Inhalation** May cause irritation of respiratory tract.

**Eye Contact** Contact with eyes may cause irritation.

**Skin Contact** Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. Repeated exposure may cause skin dryness or cracking. May cause irritation.

**Ingestion** Not an expected route of exposure. May be harmful if swallowed.

Components	Oral LD50	Dermal LD50	Inhalation LC50
Titanium dioxide 13463-67-7	> 10000 mg/kg ( Rat )	-	-
Triglycidyl Isocyanurate (TGIC) 2451-62-9	= 188 mg/kg ( Rat )	-	-

**Information on toxicological effects**

**Symptoms** Specific test data for the substance or mixture is not available.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Sensitization** May cause sensitization in susceptible persons.

**Mutagenic Effects** Specific test data for the substance or mixture is not available.

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

Components	ACGIH	IARC	NTP	OSHA
Titanium dioxide 13463-67-7	-	Group 2B	-	X

**Reproductive Toxicity** No information available.

**STOT - single exposure** No information available.

**STOT - repeated exposure** No information available.

**Chronic Toxicity** Repeated or prolonged skin contact may cause skin irritation and/or dermatitis and sensitization of susceptible persons. Experiments have shown reproductive toxicity effects on laboratory animals. See Section 11 for additional Toxicological Information.

**Aspiration Hazard** No information available.

**Numerical measures of toxicity - Product Information**

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral) 3,539.00

ATEmix (inhalation-dust/mist) 10.13

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

25.30941 % of the mixture consists of component(s) of unknown hazards to the aquatic environment

**Persistence and Degradability**

No information available.

**Bioaccumulation/Accumulation**

No information available.

**Other adverse effects**

No information available

**13. DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

**Disposal Methods**

Dispose of in accordance with federal, state and local regulations.

**Contaminated Packaging**

Do not reuse empty containers.

**14. TRANSPORT INFORMATION**

**DOT**

Not regulated.

**IATA**

Not regulated.

**IMDG/IMO**

Not regulated.

**15. REGULATORY INFORMATION**

**TSCA 8(b)**

All components are listed or exempt

**DSL**

All components are listed or exempt

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDL** - Canadian Domestic Substances List/Non-Domestic Substances List

**US Federal Regulations**

**SARA 313**

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

Components	Weight-%	SARA 313 - Threshold Values %
Barium sulfate - 7727-43-7	2.82522	1.0

**SARA 311/312 Hazard Categories**

Acute Health Hazard	Yes
Chronic Health Hazard	Yes
Fire Hazard	Yes
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

**U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants**

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

**CWA (Clean Water Act)**

See information supplied by the manufacturer

**CERCLA**

See information supplied by the manufacturer

## US State Regulations

### California Proposition 65

This product contains (a) Proposition 65 chemical(s)

Components	California Proposition 65
Titanium dioxide - 13463-67-7	Carcinogen

### U.S. EPA Label Information

EPA Pesticide Registration Number No data available

## 16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

<u>NFPA</u>	Health Hazard 2	Flammability 1	Instability 0	Physical and Chemical Hazards -
<u>HMIS / WHMIS</u>	Health Hazard 2	Flammability 1	Physical hazards 0	Personal Precautions X

Revision Date 19-Dec-2016

### Revision Note

No information available

### Disclaimer

The information provided in this Material Safety Data Sheet 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 guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered 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 materials or in any process, unless specified in the text.

**End of Safety Data Sheet**