



# SAFETY DATA SHEET

In accordance with OSHA 29 CFR 1910.1200

TRUCOLOR(R) H152 WHITE  
Revision Number 4

Revision date 23-May-2021  
Supersedes Date: 18-May-2021

## 1. Identification

### 1.1. Product identifier

Product Name TRUCOLOR(R) H152 WHITE

### Other means of identification

Other information Not applicable

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended use Grout  
Restrictions on use No information available

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

#### Responsible Party

Bostik Inc.  
11320 W. Watertown Plank Road  
Wauwatosa, Wisconsin 53226 USA  
Phone: +1 (800) 843-0844 (Domestic Toll Free)  
Phone: +1 (414) 774-2250 (International)  
Fax: +1 (414) 774-8075

E-mail msds@bostik.com

### 1.4. Emergency telephone number

Emergency Telephone Chemtrec (Transport/Environmental): 1-800-424-9300  
1-703-527-3887 (Outside U.S.)  
Rocky Mountain Poison Center: 1-866-767-5089

## 2. Hazard(s) identification

### 2.1. Classification of the substance or mixture

Not a dangerous substance or mixture according to OSHA 29 CFR 1910.1200.

### Hazards not otherwise classified (HNOC)

Not applicable

### 2.2. Label elements

#### EMERGENCY OVERVIEW

Not a dangerous substance or mixture according to OSHA 29 CFR 1910.1200.

Appearance Viscous Physical state Solid Odor Slight Solvent

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## 2.3. Other Information

No information available.

## 3. Composition/information on ingredients

### 3.1. Substances

Not applicable.

### Mixture

Chemical name	CAS No	Weight-%
Quartz	14808-60-7	40 - 70
Glass, oxide, chemicals	65997-17-3	5 - <10
Titanium dioxide	13463-67-7	0.1 - <1
Silane, diethoxymethyl[3-(oxiranylmethoxy)propyl]-	2897-60-1	0.1 - <1

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

## 4. First-aid measures

### 4.1. Description of first aid measures

Inhalation	Remove to fresh air. If symptoms persist, call a physician.
Eye contact	Do not rub affected area. Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Consult an ophthalmologist.
Skin contact	Wash with plenty of water. Take off contaminated clothing and wash before reuse. In the case of skin irritation or allergic reactions see a physician.
Ingestion	Clean mouth with water. Never give anything by mouth to an unconscious person. Do not induce vomiting without medical advice. If swallowed, call a poison control center or physician immediately.

### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms	No information available.
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### 4.3. Indication of any immediate medical attention and special treatment needed

Note to physicians	Treat symptomatically.
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## 5. Fire-fighting measures

### 5.1. Extinguishing media

Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Large Fire	CAUTION: Use of water spray when fighting fire may be inefficient.

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**Unsuitable extinguishing media** Do not scatter spilled material with high pressure water streams.

## **5.2. Special hazards arising from the substance or mixture**

**Specific hazards arising from the chemical** Thermal decomposition can lead to release of irritating and toxic gases and vapors.

**Hazardous combustion products** Carbon dioxide (CO<sub>2</sub>). Silicon dioxide.

### **Explosion data**

**Sensitivity to mechanical impact** None.

**Sensitivity to static discharge** None.

## **5.3. Advice for firefighters**

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

## **6. Accidental release measures**

### **6.1. Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Wash thoroughly after handling.

**Other information** Refer to protective measures listed in Sections 7 and 8.

### **6.2. Environmental precautions**

**Environmental precautions** Keep out of drains, sewers, ditches and waterways. See Section 12 for additional Ecological Information.

### **6.3. Methods and material for containment and cleaning up**

**Methods for containment** Prevent further leakage or spillage if safe to do so. Cover with plastic sheet to prevent spreading. Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).

**Methods for cleaning up** Use personal protective equipment as required. Dam up. Soak up with inert absorbent material. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly.

**Reference to other sections** See section 8 for more information. See section 13 for more information.

## **7. Handling and storage**

### **7.1. Precautions for safe handling**

**Advice on safe handling** Use personal protective equipment as required. Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Ensure adequate ventilation. Avoid contact with skin, eyes or clothing. Wash thoroughly after handling. Take off contaminated clothing and wash before reuse.

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## 7.2. Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep the packing dry and well sealed to prevent contamination and absorption of humidity. Keep from freezing. Keep containers tightly closed in a cool, well-ventilated place.

## 7.3 References to other sections

**Reference to other sections** Section 10: STABILITY AND REACTIVITY  
Section 13: DISPOSAL CONSIDERATIONS

## 8. Exposure controls/personal protection

### 8.1. Control parameters

**Exposure Limits** The following ingredients are the only ingredients of the product above the cut-off level (or level that contributes to the hazard classification of the mixture) which have an exposure limit applicable in the region for which this safety data sheet is intended or other recommended limit. At this time, the other relevant constituents have no known exposure limits from the sources listed here.

Chemical name	ACGIH TLV	OSHA PEL	NIOSH
Quartz 14808-60-7	TWA: 0.025 mg/m <sup>3</sup> respirable particulate matter	TWA: 50 µg/m <sup>3</sup> TWA: 50 µg/m <sup>3</sup> excludes construction work, agricultural operations, and exposures that result from the processing of sorptive clays (vacated) TWA: 0.1 mg/m <sup>3</sup> respirable dust : (250)/(%SiO <sub>2</sub> + 5) mppcf TWA respirable fraction : (10)/(%SiO <sub>2</sub> + 2) mg/m <sup>3</sup> TWA respirable fraction	IDLH: 50 mg/m <sup>3</sup> respirable dust TWA: 0.05 mg/m <sup>3</sup> respirable dust
Glass, oxide, chemicals 65997-17-3	TWA: 1 fiber/cm <sup>3</sup> respirable fibers: length >5 µm, aspect ratio ≥3:1, as determined by the membrane filter method at 400-450X magnification [4-mm objective], using phase-contrast illumination TWA: 5 mg/m <sup>3</sup> inhalable particulate matter	-	-
Titanium dioxide 13463-67-7	TWA: 10 mg/m <sup>3</sup>	TWA: 15 mg/m <sup>3</sup> total dust (vacated) TWA: 10 mg/m <sup>3</sup> total dust	IDLH: 5000 mg/m <sup>3</sup> TWA: 2.4 mg/m <sup>3</sup> CIB 63 fine TWA: 0.3 mg/m <sup>3</sup> CIB 63 ultrafine, including engineered nanoscale

Chemical name	Argentina	Brazil	Chile	Colombia
Quartz 14808-60-7	TWA: 0.05 mg/m <sup>3</sup>	TWA: 0.025 mg/m <sup>3</sup>	TWA: 0.08 mg/m <sup>3</sup>	TWA: 0.025mg/m <sup>3</sup>
Glass, oxide, chemicals 65997-17-3	TWA: 1 fiber/cm <sup>3</sup> TWA: 5 mg/m <sup>3</sup>	TWA: 1 fiber/cm <sup>3</sup>	-	TWA: 1fiber/cm <sup>3</sup> TWA: 5mg/m <sup>3</sup>
Titanium dioxide 13463-67-7	TWA: 10 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup>	-	TWA: 10mg/m <sup>3</sup>

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Chemical name	Costa Rica	Peru	Uruguay	Venezuela
Quartz 14808-60-7	TWA: 0.025mg/m <sup>3</sup>	TWA: 0.05mg/m <sup>3</sup>	0.025 mg/m <sup>3</sup> TWA (respirable particulate matter)	TWA: 0.025 mg/m <sup>3</sup>
Glass, oxide, chemicals 65997-17-3	TWA: 1fiber/cm <sup>3</sup> TWA: 5mg/m <sup>3</sup>	-	1 fiber/cm <sup>3</sup> TWA (respirable fibers: length >5 µm, aspect ratio >=3:1, as determined by the membrane filter method at 400-450X magnification [4-mm objective], using phase-contrast illumination, listed under Synthetic vitreous fibers); 5 mg/m <sup>3</sup> TWA (inhalable particulate matter, listed under Synthetic vitreous fibers)	-
Titanium dioxide 13463-67-7	TWA: 10mg/m <sup>3</sup>	TWA: 10mg/m <sup>3</sup>	10 mg/m <sup>3</sup> TWA	TWA: 10 mg/m <sup>3</sup>

## 8.2. Exposure controls

### Appropriate engineering controls

**Engineering controls** Showers  
Eyewash stations  
Ventilation systems.

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

**Eye/face protection** No special protective equipment required.

**Hand protection** Wear suitable gloves.

**Skin and body protection** Wear suitable 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.

**General hygiene considerations** Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product.

## 9. Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

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Physical state Solid  
Appearance Viscous  
Color White  
Odor Slight Solvent  
Odor threshold No information available

Property	Values	Remarks • Method
pH	No data available	
pH (as aqueous solution)	No data available	None known
Melting point / freezing point	Not applicable . °C / °F	
Initial boiling point and boiling range	Not applicable . °C / °F	
Flash point	Not applicable 93 °C / 200 °F	
Evaporation rate	Not applicable .	
Flammability	No data available	None known
Flammability Limit in Air		None known
Upper flammability or explosive limits	No data available	
Lower flammability or explosive limits	No data available	
Vapor pressure	No data available	None known
Relative vapor density	No data available	None known
Relative density	No data available	None known
Water solubility	No data available	None known
Solubility(ies)	No data available	None known
Partition coefficient	No data available	None known
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	. mm <sup>2</sup> /s	
Dynamic viscosity	.	

## 9.2. Other information

Explosive properties	No information available	
Oxidizing properties	No information available	
Solvent content (%)	No information available	
Solid content (%)	77 - 78	
Softening Point	Not relevant	
Molecular weight	No information available	
VOC Content (%)	35.0 g/L	No information available
Liquid Density	14.800 LB/GAL	
Bulk density	No information available	

## 10. Stability and reactivity

### 10.1. Reactivity

Reactivity Product cures with moisture.

### 10.2. Chemical stability

Chemical stability Stable under recommended storage conditions.

### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

### 10.4. Conditions to avoid

Conditions to avoid Product cures with moisture. Do not freeze.

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## 10.5. Incompatible materials

**Incompatible materials** None known based on information supplied.

## 10.6. Hazardous decomposition products

**Hazardous decomposition products** None known based on information supplied

## 11. Toxicological information

### 11.1. Information on toxicological effects

#### Product Information

<b>Inhalation</b>	Based on available data, the classification criteria are not met.
<b>Eye contact</b>	Based on available data, the classification criteria are not met.
<b>Skin contact</b>	Based on available data, the classification criteria are not met.
<b>Ingestion</b>	Based on available data, the classification criteria are not met.

#### Symptoms related to the physical, chemical and toxicological characteristics

**Symptoms** No information available.

#### Acute toxicity

##### Numerical measures of toxicity

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

<b>ATEmix (inhalation-gas)</b>	1,428,566.80
<b>ATEmix (inhalation-vapor)</b>	5,802.50 mg/l

#### Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Quartz 14808-60-7	>20000 mg/kg	-	-
Glass, oxide, chemicals 65997-17-3	>2000 mg/Kg Rat	-	LC50 > 0.691 mg/l (Rattus) 4-Hr
Titanium dioxide 13463-67-7	>10000 mg/kg (Rattus)	LD50 > 10000 mg/Kg	>5 mg/l
Silane, diethoxymethyl[3-(oxiranylmethoxy)propyl]- 2897-60-1	LD50 (Rat, males): > 2.000 mg/kg	LD 50 Rat, males): > 2.000 mg/kg (OECD 402)	-

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

**Skin corrosion/irritation** Based on available data, the classification criteria are not met.

Titanium dioxide (13463-67-7)

Method	Species	Exposure route	Effective dose	Exposure time	Results
OECD Test No. 404: Acute Dermal Irritation/Corrosion					Non-irritant

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**Serious eye damage/eye irritation** Based on available data, the classification criteria are not met.

**Respiratory or skin sensitization** Based on available data, the classification criteria are not met.

**Germ cell mutagenicity** Based on available data, the classification criteria are not met.

**Carcinogenicity** Based on available data, the classification criteria are not met. The components of this product are inextricably bound in a polymer matrix and are not expected to be available as airborne hazards (dust, mist, or spray) under normal condition of use.

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

Chemical name	ACGIH	IARC	NTP	OSHA
Quartz 14808-60-7	A2	Group 1	Known	X
Glass, oxide, chemicals 65997-17-3	-	Group 3	-	-
Titanium dioxide 13463-67-7	-	Group 2B	-	X

## Legend

**ACGIH (American Conference of Governmental Industrial Hygienists)**

A2 - Suspected Human Carcinogen

**IARC (International Agency for Research on Cancer)**

Group 1 - Carcinogenic to Humans

Group 2B - Possibly Carcinogenic to Humans

Group 3 - Not Classifiable as to Carcinogenicity in Humans

**NTP (National Toxicology Program)**

Known - Known Carcinogen

**OSHA (Occupational Safety and Health Administration of the US Department of Labor)**

X - Present

## Quartz (14808-60-7)

Method	Species	Results
IARC (International Agency for Research on Cancer)	Human evidence	Carcinogenic

## Titanium dioxide (13463-67-7)

Method	Species	Results
Oral	Rat	Not Carcinogenic

**Reproductive toxicity** Based on available data, the classification criteria are not met.

**STOT - single exposure** Based on available data, the classification criteria are not met.

**STOT - repeated exposure** Causes damage to organs through prolonged or repeated exposure.

**Target organ effects** Respiratory system, Eyes, Lungs.

**Aspiration hazard** Based on available data, the classification criteria are not met.

**Other adverse effects** No information available.

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Interactive effects No information available.

## 12. Ecological information

### 12.1. Toxicity

#### Ecotoxicity

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Titanium dioxide 13463-67-7	LC50 (96h) >10000 mg/l (Cyprinodon variegatus) OECD 203	-	-	-
Silane, diethoxymethyl[3-(oxirany l-methoxy)propyl]- 2897-60-1	EC 50 (Daphnia magna, 48 h): 20 mg/l (OECD Test Guideline 202)	LC 50 (Rainbow Trout, 96 h): 180 mg/l (OECD-Guideline 203 (, Acute Toxicity Test))	-	-

### 12.2. Persistence and degradability

Persistence and degradability No information available.

### 12.3. Bioaccumulative potential

Bioaccumulation There is no data for this product.

#### Component Information

Chemical name	Partition coefficient
Silane, diethoxymethyl[3-(oxiranylmethoxy)propyl]- 2897-60-1	2.7

### 12.4. Mobility in soil

Mobility No information available.

#### Other adverse effects

Other adverse effects No information available.

## 13. Disposal considerations

### 13.1. Waste treatment methods

**Waste from residues/unused products** It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations.

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

## 14. Transport information

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DOT Not regulated

IATA Not regulated

IMDG Not regulated

## 15. Regulatory information

### International Inventories

<b>TSCA</b>	Listed
<b>DSL</b>	Not Listed

**Legend:**

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

**DSL** - Canadian Domestic Substances List

**Listed** - The components of this product are either listed or exempt from listing on inventory.

**Not Listed** - One or more components of this product are not listed on inventory.

### US Federal Regulations

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any 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**

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

### Europe

#### **Restrictions of Use of Hazardous Substances (RoHS) Directive 2011/65/EU**

This product does not contain Lead, Cadmium, Mercury, Hexavalent chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE), Bis(2-Ethylhexyl) phthalate (DEHP), Benzyl butyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP) above the regulated limit mentioned in this regulation. This document is based on the information given to us by our own suppliers at the date of this document.

#### **SVHC: Substances of Very High Concern for Authorization:**

This product does not contain candidate substances of very high concern at a concentration  $\geq 0.1\%$  (Regulation (EC) No. 1907/2006 (REACH), Article 59)

## 16. Other information

### Key or legend to abbreviations and acronyms used in the safety data sheet

#### **Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation

**Prepared By** Product Safety & Regulatory Affairs.

**Revision date** 23-May-2021

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## Revision note

SDS sections updated. 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 15.

## Disclaimer

The information provided in this 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**