

TRUCOLOR series  
Version 2.02

Revision Date 21-Sep-2015  
Supersedes Date: No information available

## SECTION 1: Identification of the Substance/Mixture and of the Company/Undertaking

### 1.1. Product Identifier

**Product Name** TRUCOLOR series  
**Pure substance/mixture** mixture

### 1.2. Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

**Recommended use** No information available.  
**Uses Advised Against** No information available.

### 1.3. Details of the Supplier of the Safety Data Sheet

#### **Company Name**

Bostik (Shanghai) Management Co., Ltd  
Building 1, No.968 Guanghua Road, Minhang District  
Shanghai, China  
Tel: 021-60763101  
Fax: 021-60763133

#### **Manufacturer**

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  
Email: msds@bostik-us.com

Please refer to Section 16 for local affiliate addresses.

### 1.4. Emergency Telephone Number

**Emergency Telephone** 0532-8388 9090 (China only)

**E-mail address** SDS.AP@Bostik.com

## SECTION 2: Hazards Identification

### 2.1. Classification of the Substance or Mixture

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

**ERMA Group** No information available

### 2.2. Label Elements

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

**Signal Word** None

### 2.3. Other Hazards

### 2.4. Additional Information

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## SECTION 3: Composition/Information on Ingredients

### 3.1 Substances

Not applicable

### 3.2 Mixtures

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

| Chemical Name | CAS No   | Weight-% |
|---------------|----------|----------|
| Triethylamine | 121-44-8 | < 1      |

\*\*\* Any remaining ingredients are not hazardous

## SECTION 4: First Aid Measures

### 4.1. Description of First Aid Measures

|                                           |                                                                                                                                                                       |
|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Inhalation</b>                         | Remove to fresh air. If symptoms persist, call a physician.                                                                                                           |
| <b>Skin Contact</b>                       | Wash off immediately with plenty of water for at least 15 minutes. If skin irritation persists, call a physician. Wash off immediately with soap and plenty of water. |
| <b>Eye contact</b>                        | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.                                       |
| <b>Ingestion</b>                          | Do NOT induce vomiting. Drink plenty of water. Immediate medical attention is not required. Rinse mouth.                                                              |
| <b>Self-protection of the First Aider</b> | Use personal protective equipment as required.                                                                                                                        |

### 4.2. Most Important Symptoms and Effects, Both Acute and Delayed

Symptoms None known.

### 4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

Note to Physicians May cause sensitization of susceptible persons.

### 4.4. Reference to Other Sections

Reference to Other Sections SECTION 8: Exposure controls/personal protection. SECTION 11: Toxicological Information.

## SECTION 5: Fire Fighting Measures

### 5.1. Extinguishing Media

Suitable Extinguishing Media Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media No information available.

### 5.2. Special Hazards Arising from the Substance or Mixture

Specific Hazards Arising from the Chemical In the event of fire and/or explosion do not breathe fumes. May cause sensitization by inhalation and skin contact. Thermal decomposition can lead to release of irritating and toxic gases and vapors.

### 5.3. Advice for Firefighters

Special Protective Equipment for Fire-fighters Wear self-contained breathing apparatus and protective suit.

## SECTION 6: Accidental Release Measures

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## 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

**Personal Precautions** Use personal protective equipment as required. Avoid contact with eyes and skin. Remove all sources of ignition.

## 6.2. Environmental Precautions

**Environmental Precautions** Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system. 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.

**Methods for Cleaning up** Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. After cleaning, flush away traces with water. Prevent product from entering drains.

## 6.4. Reference to other sections

**Reference to Other Sections** SECTION 7: Handling and Storage. SECTION 8: Exposure controls/personal protection. SECTION 13: Disposal Considerations.

## **SECTION 7: Handling and Storage**

### 7.1. Precautions for Safe Handling

**Advice on Safe Handling** Ensure adequate ventilation, especially in confined areas. Use personal protective equipment as required.

### 7.2. Conditions for Safe Storage, including any Incompatibilities

**General Hygiene Considerations** When using do not eat, drink or smoke. Wash contaminated clothing before reuse.

**Storage Conditions** Keep out of the reach of children. Keep container tightly closed. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep containers tightly closed in a cool, well-ventilated place.

**Incompatible Materials** No information available

### 7.3. Specific End Use(s)

**Other Information** No information available.

### 7.4. References to Other Sections

**Reference to Other Sections** SECTION 13: Disposal Considerations. SECTION 10: Stability and Reactivity.

## **SECTION 8: Exposure controls/personal protection**

### 8.1. Control Parameters

#### Exposure Limits

| Chemical Name             | ACGIH TLV                         | NIOSH IDLH    | OSHA PEL                                  | European Union                                                                                |
|---------------------------|-----------------------------------|---------------|-------------------------------------------|-----------------------------------------------------------------------------------------------|
| Triethylamine<br>121-44-8 | STEL: 1 ppm<br>TWA: 0.5 ppm<br>S* | IDLH: 200 ppm | TWA: 25 ppm<br>TWA: 100 mg/m <sup>3</sup> | TWA: 2 ppm<br>TWA: 8.4 mg/m <sup>3</sup><br>STEL: 3 ppm<br>STEL: 12.6 mg/m <sup>3</sup><br>S* |

| Chemical Name             | Australia                    | China | Japan | Korea               | New Zealand                             |
|---------------------------|------------------------------|-------|-------|---------------------|-----------------------------------------|
| Triethylamine<br>121-44-8 | 2 ppm<br>8 mg/m <sup>3</sup> | -     | -     | Skin<br>STEL: 4 ppm | TWA: 3 ppm<br>TWA: 12 mg/m <sup>3</sup> |

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|  |                                         |  |                                                                          |                                                   |
|--|-----------------------------------------|--|--------------------------------------------------------------------------|---------------------------------------------------|
|  | 4 ppm STEL<br>17 mg/m <sup>3</sup> STEL |  | STEL: 16.6 mg/m <sup>3</sup><br>TWA: 2 ppm<br>TWA: 8.3 mg/m <sup>3</sup> | STEL: 5 ppm<br>STEL: 20 mg/m <sup>3</sup><br>Skin |
|--|-----------------------------------------|--|--------------------------------------------------------------------------|---------------------------------------------------|

**Derived No Effect Level (DNEL)** No information available

**Predicted No Effect Concentration (PNEC)** No information available

**Other Information** No information available

## 8.2. Exposure Controls

**Engineering Controls** Ensure adequate ventilation, especially in confined areas.

### **Personal Protective Equipment (PPE)**

- Eye/Face Protection** Wear safety glasses with side shields (or goggles).
- Skin and Body Protection** Wear suitable protective clothing. No special technical protective measures are necessary under normal conditions.
- Hand Protection** Wear suitable chemical resistant gloves. The selection of suitable gloves does not only depend on the material, but also on further marks of quality and various manufacturers.
- Respiratory Protection** No protective equipment is needed under normal use conditions. Respiratory protection required in insufficiently ventilated working areas and during spraying. An air-fed mask, or for short periods of work, a combination of professional filter is recommended.
- General Hygiene Considerations** Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Avoid contact with skin, eyes or clothing. Take off contaminated clothing and wash before reuse.

**Environmental Exposure Controls** Do not allow into any sewer, on the ground or into any body of water.

## **SECTION 9: Physical and Chemical Properties**

### 9.1. Information on Basic Physical and Chemical Properties

**Appearance** Paste  
**Color** Multiple Colors  
**Odor** Mild  
**Odor Threshold** No information available

| <u>Property</u>              | <u>Values</u>            | <u>Remarks • Method</u> |
|------------------------------|--------------------------|-------------------------|
| pH                           | No information available |                         |
| Melting Point/Freezing Point | No information available |                         |
| Boiling Point                | No information available |                         |
| Flash Point                  | > 93.3 °C / > 199.9 °F   | CC (closed cup)         |
| Evaporation Rate             | No information available |                         |
| Flammability (solid, gas)    | No information available |                         |
| Flammability Limit in Air    |                          |                         |
| Upper Flammability Limit     | No information available |                         |
| Lower Flammability Limit     | No information available |                         |
| Vapor Pressure               | No information available |                         |
| Vapor Density                | No information available |                         |
| Specific Gravity             | No information available |                         |
| Water Solubility             | No information available |                         |
| Solubility in Other Solvents | No information available |                         |
| Partition Coefficient        | No information available |                         |
| Autoignition Temperature     | No information available |                         |
| Decomposition Temperature    | No information available |                         |
| Kinematic Viscosity          | No information available |                         |
| Dynamic Viscosity            | No information available |                         |
| Explosive Properties         | No information available |                         |
| Oxidizing Properties         | No information available |                         |

### 9.2. Other Information

**Softening Point** No information available

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|                     |                          |
|---------------------|--------------------------|
| Molecular Weight    | No information available |
| Solvent Content (%) | No information available |
| Solid Content (%)   | No information available |
| Density             | No information available |
| Bulk Density        | No information available |

## SECTION 10: Stability and Reactivity

### 10.1. Reactivity

Reactivity None under normal use conditions.

### 10.2. Chemical Stability

### 10.3. Possibility of Hazardous Reactions

Possibility of Hazardous Reactions None under normal processing.

Hazardous Polymerization None under normal processing.

### 10.4. Conditions to Avoid

Conditions to Avoid Heat, flames and sparks.

### 10.5. Incompatible Materials

Incompatible Materials No information available.

### 10.6. Hazardous Decomposition Products

Hazardous Decomposition Products None under normal use conditions.

## SECTION 11: Toxicological Information

### 11.1. Information on Toxicological Effects

#### Acute Toxicity

|                     |                                                                                          |
|---------------------|------------------------------------------------------------------------------------------|
| Product Information | Product does not present an acute toxicity hazard based on known or supplied information |
| Inhalation          | No Data Available.                                                                       |
| Eye contact         | No Data Available.                                                                       |
| Skin Contact        | No Data Available.                                                                       |
| Ingestion           | No Data Available.                                                                       |

| Chemical Name             | Oral LD50                                     | Dermal LD50                               | Inhalation LC50        |
|---------------------------|-----------------------------------------------|-------------------------------------------|------------------------|
| Triethylamine<br>121-44-8 | 730 mg/kg Rat (similar to OECD guideline 401) | 580 mg/kg (similar to OECD guideline 402) | = 1250 ppm ( Rat ) 4 h |

### Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

|                                   |                           |
|-----------------------------------|---------------------------|
| Skin Corrosion/Irritation         | No information available. |
| Serious Eye Damage/Eye Irritation | No information available. |
| Sensitization                     | No information available. |
| Germ Cell Mutagenicity            | No information available. |
| Reproductive Toxicity             | No information available. |
| STOT - Single Exposure            | No information available. |
| STOT - Repeated Exposure          | No information available. |
| Target Organ Effects              | No information available. |
| Aspiration Hazard                 | No information available. |
| Carcinogenicity                   | No information available. |

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## SECTION 12: Ecological Information

### 12.1. Toxicity

#### Ecotoxicity

#### Product Information

None known.

#### Component Information

No information available

| Chemical Name             | Algae/Aquatic Plants | Fish                                                  | Crustacea                            |
|---------------------------|----------------------|-------------------------------------------------------|--------------------------------------|
| Triethylamine<br>121-44-8 | -                    | LC50 96 h = 43.7 mg/L<br>(Pimephales promelas static) | EC50 48 h = 200 mg/L (Daphnia magna) |

### 12.2. Persistence and Degradability

No information available.

### 12.3. Bioaccumulative Potential

No information available.

### 12.4. Mobility in Soil

No information available.

### 12.5. Results of PBT and vPvB Assessment

This preparation contains substances considered to be persistent, bioaccumulating and toxic (PBT). or to be very persistent or very bioaccumulating (vPvB).

| Chemical Name | REACH (1907/2006) - Registered Substances Considered to be PBT/vPvB |
|---------------|---------------------------------------------------------------------|
| Triethylamine | Listed                                                              |

### 12.6. Other Adverse Effects

No information available.

#### Endocrine Disruptor Information

## SECTION 13: Disposal Considerations

### 13.1. Waste Treatment Methods

#### Waste from Residues/Unused Products

Disposal should be in accordance with applicable regional, national and local laws and regulations.

#### Contaminated Packaging

Disposal should be in accordance with applicable regional, national and local laws and regulations.

## SECTION 14: Transport Information

**IMDG** Not regulated

**IATA** Not regulated

**ADR** Not regulated

## SECTION 15: Regulatory Information

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## National Regulations

### China

This product contains the following substance(s)

| Chemical Name             | Weight-% | China - Catalog of Hazardous Chemicals - Hazardous Chemicals |
|---------------------------|----------|--------------------------------------------------------------|
| Triethylamine<br>121-44-8 | < 1      | X                                                            |

### Japan

This product contains the following Class 1 and Class 2 Designated Chemical Substances per Japan PRTR Law.

| Chemical Name             | Weight-% | Japan - Pollutant Release Transfer Register (PRTR) - Class 1 Substances |
|---------------------------|----------|-------------------------------------------------------------------------|
| Triethylamine<br>121-44-8 | < 1      | X                                                                       |

### Korea

#### **K-REACH/chemical control act(CCA)**

This product contains the following substance(s)

| Chemical Name             | Weight-% | Korea - MOE - K-REACH/CCA - Toxic Substances | Korea - MOE - K-REACH/CCA - Prohibited Substances | Korea - MOE - K-REACH/CCA - Restricted Substances | Korea - MOE - Chemicals Control Act (CCA) - Accident Precaution Chemicals |
|---------------------------|----------|----------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------------------------------|
| Triethylamine<br>121-44-8 | < 1      |                                              |                                                   |                                                   | X                                                                         |

#### **Legend**

X - Present

## International Regulations

### Europe

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

This product does not contain Lead (7439-92-1), Cadmium (7440-43-9), Mercury (7439-97-6), Hexavalent chromium (7440-47-3), Polybrominated biphenyls (PBB), and Polybrominated diphenyl ethers (PBDE) above the regulated limit mentioned in this regulation.

#### **EU-REACH (1907/2006) - Candidate List of Substances of Very High Concern (SVHC) for Authorization in accordance with Article 59**

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)

## **SECTION 16: Other Information**

### Local Contacts

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Fax: 81-72-948-8273

Bostik India Private Ltd  
124/1 & 124/2A  
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Fax: 00 91-80-27831324  
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Bostik Findley (Malaysia) Sdn. Bhd  
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24-hr Emergency: 1800 033 111  
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Tel: 04-567 5119  
Fax: 04-567 5412  
24-hr Emergency: 0800 243 622

## Key or Legend to Abbreviations and Acronyms Used in the Safety Data Sheet

No information available

## Key Literature References and Sources for Data

No information available

**Prepared By** Product Safety & Regulatory Affairs

**Revision Date** 21-Sep-2015

**Revision Note** Not applicable.

**Training Advice** No information available

**Further Information** No information available

## 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 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**