

## SAFETY DATA SHEETS

**This SDS packet was issued with item:**

071181825

N/A



## 1. Product and Company Identification

### Identification of the substance or preparation

Product Code: **TES50038**

Product Description: **90-50038 BLUE T60-800 16-4535 TPX**

### Use of the substance/preparation

Masterbatch or compound for polymer industry

### Company Identification

Techmer Engineered Solutions

#1 Quality Circle

Clinton, TN 37716 USA

Telephone: +1-865-425-2121

Fax: +1-865-457-3012

### Emergency telephone

+1-865-425-2121

---

## 2. Hazards identification

### POTENTIAL HEALTH EFFECTS

**Eyes:** Mechanical irritation is possible

**Skin:** Molten polymer may cause thermal burns

**Ingestion:** May cause irritation to the throat, mouth and stomach and/or may cause nausea

**Inhalation:** Inhalation of process fumes and vapors may cause irritation in the respiratory system

**Chronic:** No known chronic health effects

---

## 3. Composition/information on ingredients

This product contains a proprietary blend of components encapsulated within a polymer matrix. These components are not considered to be hazardous chemicals per 29 CFR 1910.1200.

---

## 4. First aid measures

### Inhalation

Move to fresh air. If irritation persists, get medical attention.

### Skin contact

If molten material contacts the skin or in case of skin irritation, immediately flush with large amounts of water and get medical attention.

### Eye contact

Wash immediately with plenty of water. If irritation persists, get medical attention.

### Ingestion

If swallowed, do not induce vomiting. Get medical attention.

## 5. Fire-fighting measures

### **Suitable extinguishing media**

Foam, CO<sub>2</sub>, Dry Chemical and Water Fog

### **Hazardous combustion products**

Burning may produce carbon monoxide, carbon dioxide, hydrocarbons and other possible toxic combustion products.

### **Special exposure hazards**

In its present form, this product offers no unusual fire and explosion hazards. However, dust and fumes generated from this product could present an explosion hazard.

### **Special protective equipment for fire-fighters**

Use self-contained breathing apparatus and chemical-protective clothing.

---

## 6. Accidental release measures

### **Personal precautions**

Wear appropriate personal protective equipment. Eliminate all sources of ignition.

### **Environmental precautions**

Do not allow entry to drains, water courses, soil or sewers.

### **Cleaning methods**

Wearing appropriate personal protective equipment, sweep or vacuum and place in suitable container for disposal. Avoid creating dust.

---

## 7. Handling and storage

### **Handling**

Avoid dust formation during handling. Provide appropriate local ventilation at machinery and at places where dust can be generated. In case of insufficient ventilation, wear suitable respiratory equipment.

### **Storage**

Store in a cool, dry, well ventilated storage area. Keep container covered when not in use.

---

## 8. Exposure controls/personal protection

### **Engineering Controls**

Work in well ventilated areas. Do not breathe dust, if generated. Physical processes such as grinding, high speed blending, etc may generate dust.

### **Personal protective equipment**

#### **Respiratory protection**

Not required under normal process conditions and with adequate ventilation. However, should conditions exist that require respiratory protection, a NIOSH/MSHA approved respirator should be worn.

**Eye protection**

Wear safety glasses with side shields (or goggles).

**Body protection**

Wear protective gloves. Wear appropriate clothing to prevent repeated or prolonged contact with skin.

**Hygiene measures**

Wash thoroughly after handling and before eating, drinking or using tobacco products.

---

**9. Physical and chemical properties**

Appearance:	Pellet
Odor:	No significant odor
pH:	Not measured
Melting point:	Not measured
Boiling point/boiling range:	Not measured
Flash point:	Not measured
Evaporation Rate:	Not measured
Flammability (solid, gas):	Not flammable
Upper/Lower flammability limits:	Not measured
Vapor pressure:	Not measured
Vapor density:	Not measured
Relative density:	Available upon request
Solubility in water:	Not measured
Partition coefficient: n-octanol/water:	Not measured
Auto ignition temperature:	Not measured
Decomposition temperature:	Not measured

---

**10. Stability and reactivity**

**Chemical stability**

Stable

**Conditions to avoid**

Do not store near heat, flame nor strong oxidizing agents, acids or bases. Minimize dust generation and accumulation.

**Hazardous decomposition products**

Carbon monoxide, carbon dioxide, hydrocarbons and other possible toxic substances can be generated during thermal decomposition and combustion.

---

**11. Toxicological information**

Acute oral toxicity:	Not tested
Acute inhalation toxicity:	Not tested
Acute dermal toxicity:	Not tested
Skin irritation:	Not tested
Eye irritation:	Not tested
Skin sensitization:	Not tested
Chronic toxicity:	Not tested

**Carcinogenicity:** Carbon black and titanium dioxide have been evaluated by IARC as a possible carcinogen to humans (Group 2B). Any carbon black or titanium dioxide contained in this product is completely encapsulated within the polymer matrix and as such, should not present a health hazard. No other component in this product at concentrations greater than 0.1% are listed by IARC, NTP, or OSHA.

---

## 12. Ecological information

### Ecotoxicity

No information available

### Persistence and degradability

No information available

### Bioaccumulative potential

No information available

---

## 13. Disposal considerations

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

---

## 14. Transport information

### U.S. Department of Transportation (DOT)

Not regulated for transport

---

## 15. Regulatory information

U.S. Toxic Substances Control Act (TSCA): All component(s) comprising this product are either exempt or listed on the TSCA inventory.

SARA Section 313 Toxic Chemical List: No components listed.

California Proposition 65: No components listed.

---

## 16. Other information

<b>HMIS ratings:</b>	<b>Health:</b>	<b>0</b>
	<b>Flammability:</b>	<b>1</b>
	<b>Physical Hazard:</b>	<b>0</b>

**Disclaimer:** To the best of our knowledge, the information contained herein is accurate. It is obtained by Techmer Engineered Solutions from sources such as raw material suppliers and is believed to be true. Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information on products referred to herein. No warranty of fitness for a particular purpose is made. This safety data sheet will supersede any that was previously received as it contains the most up to date information.