

SAFETY DATA SHEET

TEC® DESIGN FX® 546 BRONZE

Version 1.0

Revision Date 11/13/2025

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : TEC® DESIGN FX® 546 BRONZE
Product code : 100000014909

Manufacturer or supplier's details

Company : TEC Specialty Products
Address : 1105 South Frontenac
Aurora, IL, 60504
Telephone : 800-832-9023

Medical Emergency Phone Number (24 Hours) : 1-800-424-9300

Transport Emergency Phone Number (CHEMTREC): 1-800-424-9300

Recommended use of the chemical and restrictions on use

Recommended use : Grout

SECTION 2. HAZARDS IDENTIFICATION

Emergency Overview

Appearance	viscous liquid
Color	bronze
Odor	ammoniacal

GHS Classification

Carcinogenicity : Category 2

GHS label elements

Hazard pictograms :



Signal Word : Warning

Hazard Statements:

H351 Suspected of causing cancer.

Precautionary Statements:

Prevention: P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P280 Wear protective gloves, protective clothing, eye protection and face protection.

Response: P308 + P313 IF exposed or concerned: Get medical advice/ attention.

SAFETY DATA SHEET**TEC® DESIGN FX® 546 BRONZE**

Version 1.0

Revision Date 11/13/2025

Storage: P405 Store locked up.**Disposal:** P501 Dispose of contents/ container to an approved waste disposal plant.**Potential Health Effects****Carcinogenicity:****IARC**

Group 2B: Possibly carcinogenic to humans

Rutile (TiO₂)

1317-80-2

OSHA

Group 2B: Possibly carcinogenic to humans

No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

NTP

No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Hazardous ingredients

Chemical name	CAS-No.	Concentration [%]
Rutile (TiO ₂)	1317-80-2	0.1 - 1

SECTION 4. FIRST AID MEASURES

- General advice : In the case of accident or if you feel unwell, seek medical advice immediately.
- If inhaled : Remove person to fresh air. If signs/symptoms continue, get medical attention.
- In case of skin contact : Wash off with soap and water.
Get medical attention if irritation develops and persists.
- In case of eye contact : Flush eyes with water at least 15 minutes. Get medical attention if eye irritation develops or persists.
- If swallowed : Do not induce vomiting. Seek medical attention if symptoms develop. Provide medical care provider with this SDS.
- Most important symptoms : Suspected of causing cancer.

SAFETY DATA SHEET

TEC® DESIGN FX® 546 BRONZE

Version 1.0

Revision Date 11/13/2025

and effects, both acute and delayed

SECTION 5. FIRE-FIGHTING MEASURES

- | | | |
|--|---|---|
| Suitable extinguishing media | : | Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. |
| Unsuitable extinguishing media | : | None known. |
| Hazardous combustion products | : | No hazardous combustion products are known |
| Specific extinguishing methods | : | |
| Further information | : | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |
| Special protective equipment for fire-fighters | : | Wear an approved positive pressure self-contained breathing apparatus in addition to standard fire fighting gear. |

SECTION 6. ACCIDENTAL RELEASE MEASURES

- | | | |
|---|---|---|
| Personal precautions, protective equipment and emergency procedures | : | Refer to protective measures listed in sections 7 and 8. |
| Environmental precautions | : | Prevent product from entering drains.
Should not be released into the environment. |
| Methods and materials for containment and cleaning up | : | Ventilate the area.
Scrape up.
Shovel into suitable container for disposal. |

SECTION 7. HANDLING AND STORAGE

- | | | |
|-----------------------------|---|---|
| Local/Total ventilation | : | Use only with adequate ventilation. |
| Advice on safe handling | : | Use only with adequate ventilation/personal protection.
Keep container closed when not in use. |
| Conditions for safe storage | : | Keep container tightly closed in a dry and well-ventilated place.
Store in original container. |
| Materials to avoid | : | Do not store together with oxidizing and self-igniting products.
Do not freeze. |

SAFETY DATA SHEET**TEC® DESIGN FX® 546 BRONZE**

Version 1.0

Revision Date 11/13/2025

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Ingredients with workplace control parameters**

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Rutile (TiO ₂)	1317-80-2	TWA (Respirable particulate matter)	0.2 mg/m ³	ACGIH
		TWA (Respirable particulate matter)	2.5 mg/m ³	ACGIH

Personal protective equipment

Respiratory protection : In the case of dust or aerosol formation use respirator with an approved filter.
Use NIOSH approved respiratory protection.

Filter type : Dust/mist/aerosol

Hand protection
Material : Nitrile rubber

Eye protection : Safety glasses with side-shields

Skin and body protection : Skin should be washed after contact.

Protective measures : Avoid contact with skin.

Hygiene measures : Avoid contact with skin, eyes and clothing.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : viscous liquid
Color : bronze
Odor : ammoniacal
Odor Threshold : no data available
pH : is not determined
8.0 - 8.5

SAFETY DATA SHEET**TEC® DESIGN FX® 546 BRONZE**

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Revision Date 11/13/2025

	: is not determined
	: is not determined
Evaporation rate	: is not determined
Upper explosion limit	: Upper flammability limit is not determined
Lower explosion limit	: Lower flammability limit is not determined
Vapor pressure	: is not determined
Density	: 13.8 - 14.3 lb/gal
Solubility(ies)	
Water solubility	: is not determined
Partition coefficient: n- octanol/water	: no data available
Autoignition temperature	: is not determined
Viscosity	
Viscosity, kinematic	: is not determined

SECTION 10. STABILITY AND REACTIVITY

Chemical stability	: The product is chemically stable.
Hazardous decomposition products	: No decomposition if stored and applied as directed.

SECTION 11. TOXICOLOGICAL INFORMATION**Acute toxicity**

No data available

Skin corrosion/irritation

No data available

Serious eye damage/eye irritation

No data available

Respiratory or skin sensitization

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

SAFETY DATA SHEET**TEC® DESIGN FX® 546 BRONZE**

Version 1.0

Revision Date 11/13/2025

No data available

Reproductive toxicity

No data available

STOT-single exposure

No data available

STOT-repeated exposure

No data available

Aspiration toxicity

No data available

SECTION 12. ECOLOGICAL INFORMATION**Ecotoxicity**

No data available

Persistence and degradability

No data available

Bioaccumulative potential**Mobility in soil**

No data available

Other adverse effects

No data available

SECTION 13. DISPOSAL CONSIDERATIONS**Disposal methods**

Waste from residues

: To the best of our knowledge, this product does not meet the definition of hazardous waste under the U.S. EPA Hazardous Waste Regulations 40 CFR 261. Solidify and dispose of in an approved landfill. Consult state, local or provincial authorities for more restrictive requirements.

The hazard and precautionary statements displayed on the label also apply to any residues left in the container. Do not dispose of waste into sewer.

SAFETY DATA SHEET

TEC[®] DESIGN FX[®] 546 BRONZE

Version 1.0

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SECTION 14. TRANSPORT INFORMATION

International Regulations

UNRTDG

Not regulated as a dangerous good

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

Domestic regulation

49 CFR

Not regulated as a dangerous good

SECTION 15. REGULATORY INFORMATION

SARA 311/312 Hazards : Carcinogenicity

SARA 302 : This material does not contain any components with a section 302 EHS TPQ.

SARA 313 : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Clean Air Act

The following chemical(s) are listed as HAP under the U.S. Clean Air Act, Section 112 (40 CFR 61):

ethylene glycol

107-21-1

US State Regulations

California Prop 65

Please contact Supplier for more information.

The ingredients of this product are reported in the following inventories:

TSCA

All substances listed as active on the TSCA inventory

DSL

All components of this product are on the Canadian DSL

SAFETY DATA SHEET

TEC® DESIGN FX® 546 BRONZE

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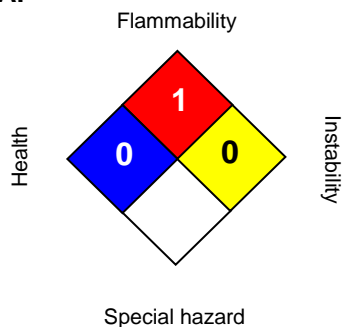
Revision Date 11/13/2025

Please reach out to TEC Specialty Products LLC for further information regarding chemical inventories not listed above. **Inventories Legend** TSCA (USA), DSL (Canada), REACH(Europe), AIIC (Australia), NZIoC (New Zealand), ENCS (Japan), KECI (Korea), PICCS (Philippines), IECSC (China), TWINV (Taiwan)

SECTION 16. OTHER INFORMATION

Further information

NFPA:



HMIS III:

HEALTH	0*
FLAMMABILITY	1
PHYSICAL HAZARD	0

0 = not significant, 1 =Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic