

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

Version 1.0

Revision Date 11/13/2025

**SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

Product name : TEC® DESIGN FX® 546 CRYSTAL  
Product code : 100000014904

**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	colorless
Odor	ammoniacal

**GHS Classification**

Not a hazardous substance or mixture.

**GHS label elements**

No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required.

**Potential Health Effects****Carcinogenicity:****IARC**

No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**OSHA**

No component of this product present at levels greater than or

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**NTP**

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.  
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**

No hazardous ingredients

**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.

**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

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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.

#### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

##### Ingredients with workplace control parameters

Contains no substances with occupational exposure limit values.

##### 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

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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.

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**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

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

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**SECTION 10. STABILITY AND REACTIVITY**

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

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products

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#### 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**

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

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#### SECTION 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

No data available

**Persistence and degradability**

No data available

**Bioaccumulative potential****Mobility in soil**

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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.

#### 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** : No SARA Hazards**SARA 302** : This material does not contain any components with a section 302 EHS TPQ.

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#### 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

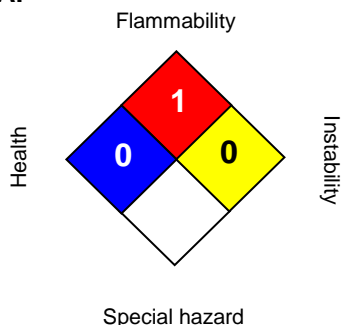
All components of this product are on the Canadian DSL

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