

SAFETY DATA SHEET**TEC® EFX 440-929A CHARCOAL GRAY**

Version 1.0

Revision Date 10/29/2025

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : TEC® EFX 440-929A CHARCOAL GRAY
Product code : 100000014699

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 : Adhesive

SECTION 2. HAZARDS IDENTIFICATION**Emergency Overview**

Appearance	liquid
Color	gray
Odor	aromatic

GHS Classification

Skin irritation : Category 2
Eye irritation : Category 2A
Skin sensitization : Category 1

GHS label elements

Hazard pictograms :



Signal Word : Warning

Hazard Statements:

H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation.

Precautionary Statements:**Prevention:** P261 Avoid breathing mist or vapors. P264 Wash skin thoroughly after handling. P272

SAFETY DATA SHEET

TEC® EFX 440-929A CHARCOAL GRAY

Version 1.0

Revision Date 10/29/2025

Contaminated work clothing must not be allowed out of the workplace. P280 Wear protective gloves/ eye protection/ face protection.

Response: P302 + P352 IF ON SKIN: Wash with plenty of soap and water. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention. P337 + P313 If eye irritation persists: Get medical advice/ attention. P362 Take off contaminated clothing and wash before reuse.

Disposal: P501 Dispose of contents/ container to an approved waste disposal plant.

Potential Health Effects

Carcinogenicity:

IARC

Group 1: Carcinogenic to humans During normal handling of the product, this substance is encapsulated within the product and will not present a cancer exposure risk.

Quartz (SiO₂) 14808-60-7

Group 2B: Possibly carcinogenic to humans During normal handling of the product, this substance is encapsulated within the product and will not present a cancer exposure risk.

Carbon black 1333-86-4

Group 1: Carcinogenic to humans

Quartz (SiO₂) 14808-60-7

Group 2B: Possibly carcinogenic to humans

Carbon black 1333-86-4

OSHA

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

NTP

Known to be human carcinogen During normal handling of the product, this substance is encapsulated within the product and will not present a cancer exposure risk.

Quartz (SiO₂) 14808-60-7

Known to be human carcinogen

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Hazardous ingredients

Chemical name	CAS-No.	Concentration [%]
Epoxy resin	25068-38-6	50 - 70
Epoxy resin	25085-99-8	50 - 70
Ashes (residues)	68131-74-8	10 - 20
Oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	68609-97-2	10 - 20

SAFETY DATA SHEET

TEC® EFX 440-929A CHARCOAL GRAY

Version 1.0

Revision Date 10/29/2025

Styrene, oligomers	9003-53-6	5 - 10
Quartz (SiO ₂)	14808-60-7	5 - 10
Carbon black	1333-86-4	0.1 - 1

This product contains one or more materials that may be hazardous when present as an airborne dust. During normal handling of the product, the material is encapsulated within the product and will not present an exposure risk. Once the product has reached its final state and is abraded or disturbed, dusting and exposure may occur. This product may contain crystalline silica. As provided, and during normal use of this product, the crystalline silica is encapsulated within the product. As such, it is considered to be inextricably bound, and not readily available for exposure. Use of this product would not subject the user to the compliance requirements of 29CFR1910.1053 or 1926.1153.

Epoxy Resin	1675-54-3	50 - 70
Epoxy resin	25068-38-6	50 - 70
Epoxy resin	25085-99-8	50 - 70
Ashes (residues)	68131-74-8	10 - 20
Oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	68609-97-2	10 - 20
Styrene, oligomers	9003-53-6	5 - 10
Quartz (SiO ₂)	14808-60-7	5 - 10
Carbon black	1333-86-4	0.1 - 1

Actual concentration is withheld as a trade secret

SECTION 4. FIRST AID MEASURES

General advice	: In the case of accident or if you feel unwell, seek medical advice immediately.
If inhaled	: Move to fresh air in case of accidental inhalation of vapors or decomposition products.
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	: If conscious, drink plenty of water. Never give anything by mouth to an unconscious person. Consult a physician if necessary.
Most important symptoms and effects, both acute and delayed	: Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
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SAFETY DATA SHEET

TEC® EFX 440-929A CHARCOAL GRAY

Version 1.0

Revision Date 10/29/2025

- 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.
Soak up with inert absorbent material.
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.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of	Control parameters /	Basis
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SAFETY DATA SHEET

TEC® EFX 440-929A CHARCOAL GRAY

Version 1.0

Revision Date 10/29/2025

		exposure)	Permissible concentration	
Quartz (SiO ₂)	14808-60-7	TWA (Respirable particulate matter)	0.025 mg/m ³	ACGIH
		TWA (total dust)	30 mg/m ³ / %SiO ₂ +2	OSHA Z-3
		TWA (respirable)	10 mg/m ³ / %SiO ₂ +2	OSHA Z-3
		TWA (respirable)	250 mppcf / %SiO ₂ +5	OSHA Z-3
		TWA (Respirable fraction)	0.1 mg/m ³	OSHA P0
		TWA (Respirable dust)	0.05 mg/m ³	OSHA Z-1
		PEL (Respirable dust)	0.05 mg/m ³	CAL PEL
		TWA (respirable dust fraction)	0.1 mg/m ³	OSHA P0
Carbon black	1333-86-4	TWA	3.5 mg/m ³	ACGIH
		TWA	3.5 mg/m ³	OSHA Z-1
		TWA	3.5 mg/m ³	OSHA P0
		TWA (Inhalable particulate matter)	3 mg/m ³	ACGIH
		PEL	3.5 mg/m ³	CAL PEL

Personal protective equipment

Respiratory protection : Use respiratory protection unless adequate risk management measures (exhaust/ ventilation) are provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines.

Filter type : Organic vapor Type

Hand protection
Material : Nitrile rubber

Eye protection : Safety glasses with side-shields

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

SAFETY DATA SHEET**TEC® EFX 440-929A CHARCOAL GRAY**

Version 1.0

Revision Date 10/29/2025

Protective measures : Avoid contact with skin.

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

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid

Color : gray

Odor : aromatic

Odor Threshold : no data available

pH : is not determined

Flash point : 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 : 7.9 - 10 lb/gal

Solubility(ies) : is not determined

Water solubility : is not determined

Partition coefficient: n-octanol/water : no data available

Autoignition temperature : is not determined

Viscosity : is not determined

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****Product:**

SAFETY DATA SHEET**TEC® EFX 440-929A CHARCOAL GRAY**

Version 1.0

Revision Date 10/29/2025

Acute oral toxicity : Acute toxicity estimate : > 5,000 mg/kg
Method: Calculation method

Acute inhalation toxicity : Acute toxicity estimate : 184.25 mg/l
Exposure time: 4 Hours
Test atmosphere: vapor
Method: Calculation method

Components:**Ashes (residues):**

Acute oral toxicity : LD50 Rat: > 2,000 mg/kg

Ashes (residues):

Acute oral toxicity : LD50 Rat: > 2,000 mg/kg

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

SECTION 12. ECOLOGICAL INFORMATION**Ecotoxicity**

SAFETY DATA SHEET**TEC® EFX 440-929A CHARCOAL GRAY**

Version 1.0

Revision Date 10/29/2025

No data available

Persistence and degradability

No data available

Bioaccumulative potential**Components:****Epoxy resin :**

Partition coefficient: n-octanol/water : log Pow: 2.64 - 3.78 (25 °C)
pH: 7
GLP: yes

Epoxy Resin :

Partition coefficient: n-octanol/water : log Pow: 3.84
log Pow: 3.84

Epoxy resin :

Partition coefficient: n-octanol/water : log Pow: 2.64 - 3.78 (25 °C)
pH: 7
GLP: yes

Mobility in soil

No data available

Other adverse effects

No data available

SECTION 13. DISPOSAL CONSIDERATIONS**Disposal methods**

Waste from residues : Do not dispose of together with household waste.
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.
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. Disposal via incineration at an approved facility is recommended, as industry best practice. Consult state, local or provincial authorities for more restrictive requirements.

SECTION 14. TRANSPORT INFORMATION**International Regulations****UNRTDG**

SAFETY DATA SHEET**TEC® EFX 440-929A CHARCOAL GRAY**

Version 1.0

Revision Date 10/29/2025

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 : Respiratory or skin sensitization
Skin corrosion or irritation
Serious eye damage or eye irritation

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

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

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
IECSC On the inventory, or in compliance with the inventory
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)

SAFETY DATA SHEET

TEC® EFX 440-929A CHARCOAL GRAY

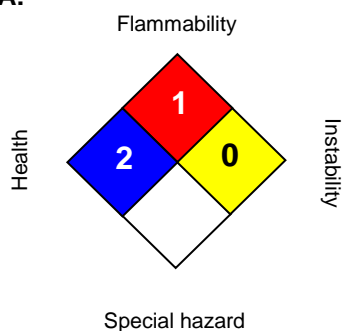
Version 1.0

Revision Date 10/29/2025

SECTION 16. OTHER INFORMATION

Further information

NFPA:



HMIS III:

HEALTH	2/
FLAMMABILITY	1
PHYSICAL HAZARD	0

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