

SAFETY DATA SHEET

TEC® ACCUCOLOR® 100-909 SILSEA STERLING

Version 1.0

Revision Date 11/13/2025

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : TEC® ACCUCOLOR® 100-909 SILSEA STERLING
Product code : 100000015446

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 | Pasty solid |
| Color | silver |
| Odor | Neutral |

GHS Classification

Eye irritation : Category 2A
Respiratory sensitization : Category 1
Skin sensitization : Category 1
Carcinogenicity : Category 2
Specific target organ toxicity - repeated exposure : Category 2

GHS label elements

Hazard pictograms : 

Signal Word : Danger

Hazard Statements:

H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H334 May cause

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allergy or asthma symptoms or breathing difficulties if inhaled. H351 Suspected of causing cancer. H373 May cause damage to organs through prolonged or repeated exposure.

Precautionary Statements:

Prevention: P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P260 Do not breathe dust. P264 Wash skin thoroughly after handling. P272 Contaminated work clothing must not be allowed out of the workplace. P280 Wear protective gloves, protective clothing, eye protection and face protection. P285 In case of inadequate ventilation wear respiratory protection.

Response: P302 + P352 IF ON SKIN: Wash with plenty of water. P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P308 + P313 IF exposed or concerned: Get medical advice/ attention. P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention. P337 + P313 If eye irritation persists: Get medical advice/ attention. P342 + P311 If experiencing respiratory symptoms: Call a POISON CENTER/ doctor. P362 + P364 Take off contaminated clothing and wash it before reuse.

Storage: P405 Store locked up.

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

Potential Health Effects

Carcinogenicity:

IARC

Group 1: Carcinogenic to humans

cobalt titanite green spinel 68186-85-6

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

cobalt titanite green spinel 68186-85-6

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Hazardous ingredients

| Chemical name | CAS-No. | Concentration [%] |
|--|------------|-------------------|
| Silane, dichlorodimethyl-, reaction products with silica | 68611-44-9 | 7 - 13 |
| Proprietary Silanes | 22984-54-9 | 1 - 5 |
| butan-2-one O,O',O''-(vinylsilylidyne)trioxime | 2224-33-1 | 0.5 - 1.5 |
| Titanium dioxide | 13463-67-7 | 0.5 - 1.5 |
| cobalt titanite green spinel | 68186-85-6 | 0.1 - 1 |
| Carbon black | 1333-86-4 | 0.1 - 1 |

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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 | : May cause an allergic skin reaction. Causes serious eye irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled. Suspected of causing cancer. May cause damage to organs through prolonged or repeated exposure. |

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, | : Refer to protective measures listed in sections 7 and 8. |
|-----------------------|--|

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protective equipment and
emergency procedures

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 exposure) | Control parameters / Permissible concentration | Basis |
|---|------------|--|---|-----------|
| Silane, dichlorodimethyl-, reaction products with silica | 68611-44-9 | TWA (Dust) | 20 Million particles per cubic foot | OSHA Z-3 |
| | | TWA (Dust) | 80 mg/m3 / %SiO2 | OSHA Z-3 |
| Titanium dioxide | 13463-67-7 | TWA | 6 mg/m3 | NIOSH REL |
| | | TWA (total dust) | 10 mg/m3 | ACGIH |
| | | TWA (Total) | 15 mg/m3 | OSHA Z-1 |
| | | TWA (Total) | 10 mg/m3 | OSHA P0 |
| | | TWA (Total dust) | 10 mg/m3 | OSHA P0 |
| | | TWA (Respirable particulate matter) | 0.2 mg/m3 | ACGIH |

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| | | | | |
|------------------------------|------------|--|------------------------|----------|
| | | TWA (Respirable particulate matter) | 2.5 mg/m ³ | ACGIH |
| cobalt titanite green spinel | 68186-85-6 | TWA | 0.02 mg/m ³ | ACGIH |
| | | TWA (Inhalable particulate matter) | 0.02 mg/m ³ | ACGIH |
| 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.
- Protective measures : Avoid contact with skin.
- Hygiene measures : Avoid contact with skin, eyes and clothing.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance : Pasty solid
- Color : silver
- Odor : Neutral
- Odor Threshold : no data available
- pH : is not determined
- : is not determined

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| | |
|--|---|
| | : 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 | : 8.67 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****Product:**

| | |
|---------------------------|---|
| Acute inhalation toxicity | : Acute toxicity estimate : 7.61 mg/l Exposure time: 4 Hours Test atmosphere: dust/mist Method: Calculation method |
|---------------------------|---|

Skin corrosion/irritation

No data available

Serious eye damage/eye irritation

No data available

Respiratory or skin sensitization

No data available

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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 toxicityNo data available

SECTION 12. ECOLOGICAL INFORMATION**Ecotoxicity**

No data available

Persistence and degradability

No data available

Bioaccumulative potential**Components:****Proprietary Silanes :**Partition coefficient: n-
octanol/water : log Pow: 0.59 - 0.65 (20 °C)
GLP: nolog Pow: 0.59 - 0.65 (20 °C)
GLP: no**butan-2-one O,O',O''-(vinylsilylidyne)trioxime :**Partition coefficient: n-
octanol/water : log Pow: 0.59 - 0.65 (20 °C)
GLP: nolog Pow: 0.59 - 0.65 (20 °C)
GLP: no**Mobility in soil**

No data available

Other adverse effects

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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

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
Carcinogenicity
Specific target organ toxicity (single or repeated exposure)
Serious eye damage or eye irritation

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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):

cobalt titanite green spinel

68186-85-6

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

AICS

On the inventory, or in compliance with the inventory

ENCS

On the inventory, or in compliance with the inventory

KECI

On the inventory, or in compliance with the inventory

PICCS

On the inventory, or in compliance with the inventory

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), AIIIC (Australia), NZIoC (New Zealand), ENCS (Japan), KECI (Korea), PICCS (Philippines), IECSC (China), TWINV (Taiwan)

SECTION 16. OTHER INFORMATION

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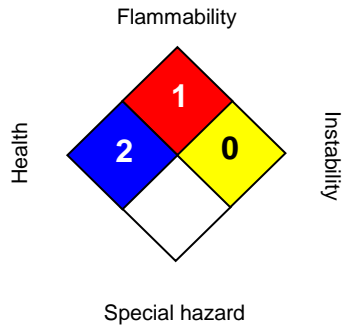
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Further information

NFPA:



HMIS III:

| | |
|------------------------|-----------|
| HEALTH | 2* |
| FLAMMABILITY | 1 |
| PHYSICAL HAZARD | 0 |

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