



## SAFETY DATA SHEET T50-3141FRBK

### 1. Identification

#### Product identifier

**Product name** T50-3141FRBK

**Product number** T50-3141FRBK

#### Details of the supplier of the safety data sheet

**Supplier** Epoxies, Etc.  
21 Starline Way  
Cranston, RI 02921  
USA  
401-946-5564  
www.epoxies.com

#### Emergency telephone number

**Emergency telephone** Domestic: 800-255-3924  
International: +01-813-248-0585

### 2. Hazard(s) identification

#### Classification of the substance or mixture

**Physical hazards** Not Classified

**Health hazards** Skin Corr. 1B - H314 Eye Dam. 1 - H318 Skin Sens. 1 - H317

**Environmental hazards** Aquatic Chronic 2 - H411

#### Label elements

##### Hazard symbols



**Signal word**

Danger

##### Hazard statements

H314 Causes severe skin burns and eye damage.  
H317 May cause an allergic skin reaction.  
H411 Toxic to aquatic life with long lasting effects.

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<b>Precautionary statements</b>	<p>P260 Do not breathe vapor/ spray.</p> <p>P261 Avoid breathing vapor/ spray.</p> <p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P272 Contaminated work clothing must not be allowed out of the workplace.</p> <p>P273 Avoid release to the environment.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P301+P330+P331 If swallowed: Rinse mouth. Do NOT induce vomiting.</p> <p>P302+P352 If on skin: Wash with plenty of water.</p> <p>P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.</p> <p>P304+P340 If inhaled: Remove person to fresh air and keep comfortable for breathing.</p> <p>P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P310 Immediately call a poison center/ doctor.</p> <p>P321 Specific treatment (see medical advice on this label).</p> <p>P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.</p> <p>P362+P364 Take off contaminated clothing and wash it before reuse.</p> <p>P363 Wash contaminated clothing before reuse.</p> <p>P391 Collect spillage.</p> <p>P405 Store locked up.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p>
<b>Contains</b>	Bisphenol A Diglycidyl Ether Resin, Aliphatic Amine, 3,3'-Oxybis(ethyleneoxy)bis(propylamine)

**3. Composition/information on ingredients****Mixtures**

<b>Bisphenol A Diglycidyl Ether Resin</b>	<b>10-30%</b>
CAS number: 25085-99-8	
<b>Classification</b>	
Skin Irrit. 2 - H315	
Eye Irrit. 2A - H319	
Skin Sens. 1 - H317	
Aquatic Chronic 2 - H411	
<b>Epoxy Phenol Novolac</b>	<b>10-30%</b>
CAS number: 28064-14-4	
<b>Classification</b>	
Acute Tox. 5 - H303	
Skin Irrit. 2 - H315	
Eye Irrit. 2 - H319	
Aquatic Chronic 2 - H411	

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<b>Aliphatic Amine</b>	<b>5-10%</b>
CAS number: Proprietary	
<b>Classification</b>	
Acute Tox. 4 - H302	
Acute Tox. 3 - H311	
Skin Corr. 1B - H314	
Eye Dam. 1 - H318	
Skin Sens. 1 - H317	
<b>p-toluenesulfonic acid</b>	<b>1-5%</b>
CAS number: Proprietary	
<b>Classification</b>	
Skin Corr. 1B - H314	
Eye Dam. 1 - H318	
<b>3,3'-Oxybis(ethyleneoxy)bis(propylamine)</b>	<b>1-5%</b>
CAS number: Proprietary	
<b>Classification</b>	
Skin Corr. 1B - H314	
Eye Dam. 1 - H318	
Skin Sens. 1 - H317	

The full text for all hazard statements is displayed in Section 16.

#### 4. First-aid measures

##### Description of first aid measures

<b>General information</b>	Promptly remove any clothing that becomes contaminated. Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
<b>Inhalation</b>	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Place unconscious person on their side in the recovery position and ensure breathing can take place. If breathing stops, provide artificial respiration. Consult a physician for specific advice.
<b>Ingestion</b>	Seek immediate medical advice. Place unconscious person on their side in the recovery position and ensure breathing can take place. Never give anything by mouth to an unconscious person.
<b>Skin Contact</b>	Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.
<b>Eye contact</b>	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 10 minutes. Get medical attention if symptoms are severe or persist.

##### Most important symptoms and effects, both acute and delayed

**General information** No further relevant information available.

##### Indication of immediate medical attention and special treatment needed

**Specific treatments** No further relevant information available.

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### 5. Fire-fighting measures

#### Extinguishing media

**Suitable extinguishing media** Water spray, dry powder or carbon dioxide. Fight larger fires with water spray or alcohol resistant foam.

#### Special hazards arising from the substance or mixture

**Specific hazards** No further relevant information available.

#### Advice for firefighters

**Protective actions during firefighting** Avoid breathing fire gases or vapors.

**Special protective equipment for firefighters** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

### 6. Accidental release measures

#### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Wear protective clothing and gloves. Keep people at a distance and stay upwind.

#### Environmental precautions

**Environmental precautions** Avoid the spillage or runoff entering drains, sewers or watercourses. Inform the relevant authorities if environmental pollution occurs (sewers, waterways, soil or air).

#### Methods and material for containment and cleaning up

**Methods for cleaning up** Send for recovery or disposal in suitable containers. Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Provide adequate ventilation.

**Reference to other sections** For personal protection, see Section 8.

### 7. Handling and storage

#### Precautions for safe handling

**Usage precautions** Keep container tightly closed, in a cool, well ventilated place. Keep container dry. Prevent formation of aerosols. Provide adequate ventilation.

#### Conditions for safe storage, including any incompatibilities

**Storage precautions** Keep only in the original container. Store indoors.

#### Specific end uses(s)

**Specific end use(s)** No further relevant information available.

### 8. Exposure controls/Personal protection

#### Exposure controls

#### Protective equipment



**Personal protection** Wear protective clothing.

**Eye/face protection** Wear tight-fitting, chemical splash goggles or face shield.

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<b>Hand protection</b>	It is recommended that chemical-resistant, impervious gloves are worn. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected.
<b>Penetration time of glove material</b>	The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
<b>Hygiene measures</b>	Keep away from food, drink and animal feeding stuffs. Promptly remove any clothing that becomes contaminated. Wash at the end of each work shift and before eating, smoking and using the toilet. Avoid breathing gas, fume, vapours or spray. Avoid contact with eyes and prolonged skin contact.
<b>Respiratory protection</b>	In case of brief exposure, use respiratory filter device. In case of intensive or longer exposure, use respiratory protective device that is independent of circulating air.

**9. Physical and chemical properties****Information on basic physical and chemical properties**

<b>Appearance</b>	Liquid.
<b>Odor</b>	Mild.
<b>Odor threshold</b>	Not determined.
<b>pH</b>	Not determined.
<b>Melting point</b>	Not determined.
<b>Initial boiling point and range</b>	Not determined.
<b>Flash point</b>	Not determined.
<b>Evaporation rate</b>	Not determined.
<b>Flammability (solid, gas)</b>	Not applicable.
<b>Upper/lower flammability or explosive limits</b>	Not determined.
<b>Vapor pressure</b>	Not determined.
<b>Vapor density</b>	Not determined.
<b>Relative density</b>	Not determined.
<b>Bulk density</b>	Not determined.
<b>Solubility(ies)</b>	Not miscible or difficult to mix.
<b>Partition coefficient</b>	Not determined.
<b>Auto-ignition temperature</b>	Product is not selfigniting.
<b>Decomposition Temperature</b>	Not determined.
<b>Viscosity</b>	Not determined.
<b>Explosive properties</b>	Not considered to be explosive.

**10. Stability and reactivity**

<b>Stability</b>	Does not decompose when used and stored as recommended.
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<b>Possibility of hazardous reactions</b>	Reacts with catalysts, oxidizing agents and strong alkali.
<b>Conditions to avoid</b>	Do not store near heat sources or expose to high temperatures.
<b>Materials to avoid</b>	Strong acids. Strong oxidizing agents.
<b>Hazardous decomposition products</b>	Carbon monoxide (CO). Carbon dioxide (CO <sub>2</sub> ). Unknown hydrocarbons.

**11. Toxicological information**Information on toxicological effectsAcute toxicity - oral

ATE oral (mg/kg) 8,417.51

Acute toxicity - dermal

ATE dermal (mg/kg) 5,050.51

Skin corrosion/irritation

Skin corrosion/irritation Irritating to skin.

Serious eye damage/irritation

Serious eye damage/irritation Causes eye irritation.

Skin sensitization

Skin sensitization Sensitization possible through skin contact.

Carcinogenicity

IARC carcinogenicity IARC Group 2B Possibly carcinogenic to humans.

NTP carcinogenicity Not listed.

OSHA Carcinogenicity Not listed.

**12. Ecological information**

Toxicity No further relevant information available.

Persistence and degradability

Persistence and degradability No further relevant information available.

Bioaccumulative potential

Bio-Accumulative Potential No further relevant information available.

Partition coefficient Not determined.

Mobility in soil

Mobility No further relevant information available.

Other adverse effects

Other adverse effects No further relevant information available.

**13. Disposal considerations**Waste treatment methods

**T50-3141FRBK****General information**

Must not be disposed of together with household garbage. Avoid the spillage or runoff entering drains, sewers or watercourses. Refer to local regulations for information on disposal/ recovery/ recycling. Dispose of in accordance to all local, state, and/or national regulations.

**14. Transport information****UN Number**

<b>UN No. (TDG)</b>	2735
<b>UN No. (IMDG)</b>	2735
<b>UN No. (ICAO)</b>	2735
<b>UN No. (DOT)</b>	UN2735

**UN proper shipping name**

<b>Proper shipping name (TDG)</b>	AMINES, LIQUID, CORROSIVE, N.O.S. (CONTAINS Aliphatic Amine, Bisphenol A Diglycidyl Ether Resin, Bisphenol A Diglycidyl Ether Resin)
<b>Proper shipping name (IMDG)</b>	AMINES, LIQUID, CORROSIVE, N.O.S. (CONTAINS Aliphatic Amine, Bisphenol A Diglycidyl Ether Resin, Bisphenol A Diglycidyl Ether Resin, Epoxy Phenol Novolac, Epoxy Phenol Novolac)
<b>Proper shipping name (ICAO)</b>	AMINES, LIQUID, CORROSIVE, N.O.S. (CONTAINS Aliphatic Amine, Bisphenol A Diglycidyl Ether Resin, Bisphenol A Diglycidyl Ether Resin)
<b>Proper shipping name (DOT)</b>	AMINES, LIQUID, CORROSIVE, N.O.S. (CONTAINS Aliphatic Amine, Bisphenol A Diglycidyl Ether Resin)

**Transport hazard class(es)**

<b>DOT hazard class</b>	8
<b>DOT hazard label</b>	8
<b>TDG class</b>	8
<b>TDG label(s)</b>	8
<b>IMDG Class</b>	8
<b>ICAO class/division</b>	8

**Transport labels****DOT transport labels****Packing group**

<b>TDG Packing Group</b>	II
<b>IMDG packing group</b>	II
<b>ICAO packing group</b>	II
<b>DOT packing group</b>	II

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### Environmental hazards

#### Environmentally Hazardous Substance



### Special precautions for user

IMDG Code segregation group      18. Alkalis

EmS      F-A, S-B

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code      Not applicable.

### 15. Regulatory information

### 16. Other information

Revision date      3/4/2021

Hazard statements in full      H302 Harmful if swallowed.  
H303 May be harmful if swallowed.  
H311 Toxic in contact with skin.  
H314 Causes severe skin burns and eye damage.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H411 Toxic to aquatic life with long lasting effects.