



## TECKROS Q85

### SAFETY DATA SHEET

#### 1. Identification

**Product Identifier/Code** Teckros Q85, Rosin Ester Dispersion  
**Recommended use** Adhesives, Sealants, Coatings and other formulations  
**Recommended restrictions** None known  
**Manufacturer** Teckrez, Inc.  
**Company address** 4209 Baymeadows Rd, Suite 3  
Jacksonville, FL 32217 USA  
Office: 1-904-215-7885  
Fax: 425-790-8543  
Emergency: 1-904-881-2205

#### 2. Hazards Identification

**Physical hazards** Not classified  
**Health hazards** Not classified  
**OSHA defined hazards** Not classified  
**Label elements**  
**Hazard Symbol** None  
**Signal word** None  
**Hazard statement** Not classified  
**Precautionary statement** Practice good industrial hygiene. Wash hands and other exposed areas after handling. Waste disposal in accordance with local requirements.  
**Storage** Store away from incompatible materials.  
**Disposal** Dispose of contents/container in accordance with local/regional/national/international regulations.  
**Hazards not otherwise classified (HNOC)** None known

#### 3. Composition/Information on Ingredients

<b>Chemical Name</b>	<b>CAS number</b>	<b>%</b>
Rosin Ester	Proprietary	50-55 %
Surfactant	Proprietary	5-10%
Water		39-41%

#### 4. First-aid Measures

**Inhalation** Move exposed person to fresh air. Keep person warm and at rest. Get medical attention if symptoms persist.  
**Skin contact** Flush contaminated skin with soap and water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.  
**Eye contact** Immediately flush eyes with water occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses if easy to do. Get medical attention if irritation occurs and persists.  
**Ingestion** Seek medical attention.  
**Most important symptoms/** Mild skin irritation

effects, acute and delayed  
Indication of immediate  
medical attention and  
special treatment needed

## 5. Fire-fighting Measures

Suitable extinguishing  
media

Water spray, dry chemical, carbon dioxide

Unsuitable extinguishing  
media

Avoid high pressure extinguisher application which could spread fire.

Specific hazards arising  
from the chemical

Hazardous decomposition products in the case of a fire includes:  
CO<sub>2</sub>, carbon monoxide, smoke.

Specific protective  
equipment and precautions  
Specific methods

Appropriate protective clothing and self- contained breathing apparatus (SCBA)  
with a full-face piece operated in positive pressure mode.  
Use standard firefighting procedures and consider hazards of other materials.

## 6. Accidental Release Measures

Personal precautions,  
protective equipment and  
emergency procedures

Use suitable protective equipment. Keep unnecessary personnel away from material.

Methods and materials for  
containment and cleaning up

Vacuum or carefully contain and collect material and place in an appropriate container for  
disposal. Avoid wind dispersal.

Environmental precautions

Keep from drains; prevent uncontrolled run-offs.

## 7. Handling and Storage

Precautions for safe handling  
Conditions for safe storage,  
including any incompatibilities

Wash thoroughly after handling.

Keep container tightly closed in a cool, well-ventilated area.

Employ good housekeeping practices to prevent build-up of residue.

## 8. Exposure Controls/Personal

8.1 Occupational exposure limits

Not established

8.2 Exposure controls

Appropriate engineering  
controls

Ensure good ventilation of the work station.

Hand protection

Protective chemical resistant gloves

Eye protection

Safety glasses with side shields (or goggles)

Skin and body protection

Wear suitable protective clothing.

Respiratory protection

Where exposure through inhalation may occur from use, respiratory protection  
equipment of approved standard is recommended. Wear appropriate respiratory protection,  
if occupational exposure limits are exceeded or irritation/sensitivity is experienced.

## 9. Physical and Chemical Properties

Appearance

Physical state

Liquid

Color

creamy white

Odor

Bland (slight rosin)

pH

7.5

Melting point (Rosin Ester)

83°C

<b>Initial boiling point (Rosin Ester)</b>	>260°C (500°F)
<b>Flash point</b>	Closed cup 260°C
<b>Evaporation rate</b>	Not determined
<b>Auto ignition temperature</b>	Not determined
<b>Flammability (solid, gas)</b>	Not determined
<b>Decomposition temperature</b>	Not established. Very low hazard expected at normal operating conditions.
<b>Density</b>	1.08 g/cm <sup>3</sup> (8.549 lb(s)/gal)
<b>Solubility</b>	Soluble in water.
<b>Viscosity</b>	5000 cps @ 25°C
<b>% Solids</b>	60%

## 10. Stability and Reactivity

<b>Reactivity and chemical stability</b>	Non-reactive and stable under normal operating conditions. Decomposition can occur at elevated temperatures.
<b>Possibility of hazardous reactions</b>	None known under normal operating conditions.
<b>Conditions to avoid</b>	Open flame, static electricity
<b>Incompatible materials</b>	Strong oxidizing agents
<b>Hazardous decomposition products</b>	Smoke, carbon dioxide, carbon monoxide

## 11. Toxicology Information

### Information on likely routes of exposure

<b>Inhalation</b>	Prolonged inhalation may irritate respiratory system.
<b>Skin Contact</b>	No adverse effects expected
<b>Eye Contact</b>	Direct contact may casue eye irritation.
<b>Rosin Ester</b>	Irritation Corrosion-Eye: data is for similar product; Result: Negative; Species: NZ white rabbit; Organ: Eye; Test duration: 4 hr; Observation period: 72 hr; Notes: OECD 405
<b>Ingestion</b>	Expected to be a low ingestion hazard.

<b>Symptoms related to the physical, chemical, and toxicological characteristics</b>	Fumes may irritate the respiratory tract, skin, and eyes. Exposed individuals may experience eye tearing, redness, and discomfort.
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### Information on toxicological effects

<b>Acute toxicity</b>	Classification criteria not met
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Components	Species	Test Results
<b>Modified Rosin Ester</b>		
Acute Oral LD50	Rat	>2000 mg/kg; data is for similar product
NOAEL	Rat	>1000 mg/kg/day; 8 wks developmental; data is for similar product.
NOEL	Rat	>500 mg/kg/day; 8 wks reproductive; data is for similar product.
*Estimates for product may be based on additional component data not shown.		

<b>Skin corrosion/irritation</b>	Prolonged skin contact may cause temporary irritation.
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<b>Corrosivity (mod. rosin ester)</b>	Irritation Corrosion-Skin: No skin irritation; data is for similar product; Result: negative; Species: NZ white rabbit; Organ: Skin; Test Duration: 4 hr; Observation Period: 72 hr; Notes: OECD 404
<b>Serious eye damage/irritation</b>	Direct contact may cause temporary eye irritation.
<b>Eye contact (mod. rosin ester)</b>	Irritation Corrosion-Eye: data is for similar product; Result: negative; Species: NZ white rabbit; Organ: Eye; Test Duration: 4 hr; Observation Period: 72 hr; Notes: OECD 405
<b>Respiratory or skin sensitization</b>	
<b>Respiratory sensitization</b>	Not available
<b>Skin sensitization</b>	May cause an allergic skin reaction.
<b>Skin sensitization (mod. RE)</b>	This product is not expected to cause skin sensitization
<b>Germ cell mutagenicity</b>	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
<b>Mutagenicity (mod. RE)</b>	Germ Cell Mutagenicity: Ames, data is for similar product; Result: negative; Species: Salmonella typhimurium; Notes: OECD 471 Germ Cell Mutagenicity: Chromosome Aberration, data is for similar product; Result: negative; Species: Human; Notes: OECD 473 In-vitro Mammalian Cell Gene Mutation test, no data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic; data is for similar product; Result: negative; Species: Mouse; Notes: OECD 476
<b>Carcinogenicity</b>	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
<b>OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)</b>	Not listed.
<b>Reproductive toxicity</b>	This product is not expected to cause reproductive or developmental effects.
<b>Specific target organ toxicity-single exposure</b>	Not classified
<b>Specific target organ toxicity-repeated exposure</b>	Not classified
<b>Aspiration hazard</b>	Not available

## 12. Ecological Information

<b>Ecological impact statement</b>	Not classified as environmentally hazardous. However, very large spills may cause harmful effects to aquatic life. Not readily biodegradable. No other adverse environmental effects are expected.
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## 13. Disposal Considerations

<b>Disposal instructions</b>	Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.
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## 14. Transport Information

<b>DOT</b>	Not regulated as dangerous goods
<b>IATA</b>	Not regulated as dangerous goods
<b>IMDG</b>	Not regulated as dangerous goods

## 15. Regulatory Information

<b>15.1. US Federal regulations</b>	This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. All components are on the US EPA TSCA inventory list.
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<b>TSCA Section 12(b) Export Notification (40 CFR 707, subpoint D)</b>	Not regulated
<b>CERCLA Hazardous Substance List (40 CFR 302.4)</b>	Not listed
<b>OSHA Specially Regulated Substances (29 CFR 1010.1001-1050)</b>	Not listed
<b>Superfund Amendments and Reauthorization Act 1986 (SARA) Hazard Categories</b>	Immediate Hazard: No; Delayed Hazard: No; Fire Hazard: No; Pressure Hazard: No; Reactivity Hazard: No
<b>SARA 302 Emergency Hazardous Substance</b>	Not regulated
<b>SARA 304 Emergency Release Notification</b>	Not regulated
<b>SARA 311/312 Hazardous Chemical</b>	No
<b>SARA 313 TRI Reporting</b>	Not regulated
<b>Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) list</b>	Not regulated
<b>Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)</b>	Not regulated
<b>Safe Drinking Water Act (SDWA)</b>	Not regulated
<b>15.2. US State regulations</b>	
<b>California Controlled Substances, Dept. of Justice (CA Health and Safety Code Section 11100)</b>	Not listed
<b>Massachusetts RTK-Substance List</b>	Not regulated
<b>New Jersey Worker and Community RTK Act</b>	Not listed
<b>Pennsylvania Worker and Community RTK Law</b>	Not listed
<b>Rhode Island RTK</b>	Not listed

#### 16. Other Information, including date of preparation or last revision

<b>NFPA health hazard</b>	1
<b>NFPA fire hazard</b>	0
<b>NFPA reactivity</b>	0
<b>HMIS III Rating</b>	
<b>Health</b>	1
<b>Flammability</b>	0
<b>Physical hazard</b>	0

<b>Personal protection</b>	See section 8 of SDS
<b>Version</b>	1.0

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