

# SAFETY DATA SHEET

Classified in accordance 29 CFR 1910.1200

## 1. Identification

**Product identifier:** TEGO® Rad 2200 N

**Chemical name:**  
Siliconopolyether acrylate

### Other means of identification

None.

### Recommended restrictions

**Recommended use:** Industrial use  
**Restrictions on use:** None known.

### Manufacturer/Importer/Distributor Information

Company Name : Evonik Corporation  
Nutrition & Care  
7801 Whitepine Road  
Richmond, VA 23237  
USA

Telephone : +1 804 727 0700

Fax : +1 804 727 0845

E-mail : product-regulatory-services@evonik.com

### Emergency telephone number:

24-Hour Health : +1 800 424 9300 (CHEMTREC - US & CANADA)  
Emergency : 800 681 9531 (CHEMTREC MEXICO)  
+1 703 527 3887 (CHEMTREC WORLD)

## 2. Hazard(s) identification

### Hazard Classification

### Label Elements

**Hazard Symbol:** No symbol

**Signal Word:** No signal word.

**Hazard Statement:** Not applicable

**Precautionary Statements** Not a hazardous substance or mixture according to 29 CFR 1910.1200.

Hazard(s) not otherwise classified (HNOC): None.

### 3. Composition/information on ingredients

Chemical name:  
Siliconopolyether acrylate

#### Substances

#### Composition information of impurities and stabilizers

Chemical Identity	Common name and synonyms	CAS number	Content in percent (%) <sup>*</sup>
n-butyl acrylate		141-32-2	>=0.1 - <1%
2-Methylhydroquinone		95-71-6	<0.1%

\* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

The exact concentration has been withheld as a trade secret.

### 4. First-aid measures

#### Description of necessary first-aid measures

**General information:** No information available.

**Inhalation:** fresh air supply, consult a doctor if feeling unwell.

**Skin Contact:** In case of contact with skin wash off immediately with soap and water. If skin irritation persists, call a physician.

**Eye contact:** In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.

**Ingestion:** If swallowed inadvertently give copious amounts of water and seek medical advice.

**Personal Protection for First-aid Responders:** Self-contained breathing apparatus.

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

**Symptoms:** No information is on file to date regarding acute and/or delayed post-exposure symptoms and effects.

**Hazards:** No data available.

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

**Treatment:** Treat symptomatically.

### 5. Fire-fighting measures

#### Suitable (and unsuitable) extinguishing media

Product name: TEGO® Rad 2200 N

**Suitable extinguishing media:** foam, carbon dioxide, dry powder, water spray.

**Unsuitable extinguishing media:** Not applicable

**Specific hazards arising from the chemical:** In the event of fire the following can be released: - Carbon monoxide, carbon dioxide, silicon dioxide - Formaldehyde

**Special protective equipment and precautions for firefighters**

**Special fire fighting procedures:** No specific precautions.

**Special protective equipment for fire-fighters:** Self-contained breathing apparatus.

**6. Accidental release measures**

**Personal precautions, protective equipment and emergency procedures:** Use personal protective equipment.

**Methods and material for containment and cleaning up:** Take up with absorbent material (eg sand, kieselguhr, universal binder) Dispose of absorbed material in accordance with the regulations.

**Environmental Precautions:** Do not discharge into the subsoil/soil. Do not allow to enter drains or waterways

**7. Handling and storage**

**Handling**

**Technical measures (e.g. Local and general ventilation):** Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product. If local exhaust is not available, general (mechanical) ventilation is acceptable, if exposure is maintained below the TLV.

**Safe handling advice:** when working with the product vapors/aerosols may be evolved; therefore a local exhaust and ventilation are recommended.

**Contact avoidance measures:** No data available.

**Hygiene measures:** Wash hands before breaks and immediately after handling the product. Do not eat, drink or smoke when working.

**Storage**

**Safe storage conditions:** Storage: cool and dry Protect from heat and direct sunlight

**Safe packaging materials:** No data available.

**Storage Temperature:** No data available.

## 8. Exposure controls/personal protection

### Control Parameters

#### Occupational Exposure Limits

None of the components have assigned exposure limits.

Hazardous components without workplace control parameters

#### Appropriate Engineering Controls

Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product. If local exhaust is not available, general (mechanical) ventilation is acceptable, if exposure is maintained below the TLV.

#### Individual protection measures, such as personal protective equipment

**Eye/face protection:** goggles, or face shield if necessary

#### Skin Protection

**Hand Protection:** Material: gloves made of nitril (NBR)

**Skin and Body Protection:** Impermeable protective clothing

**Respiratory Protection:** Breathing apparatus in the event of aerosol or mist formation. Short term: filter apparatus, combination filter A-P2

## 9. Physical and chemical properties

### Appearance

<b>Physical state:</b>	liquid
<b>Form:</b>	liquid
<b>Color:</b>	slightly yellowish, clear
<b>Odor:</b>	like acrylic
<b>Odor Threshold:</b>	not measured
<b>pH:</b>	Approximate 6 (25 °C)
<b>Freezing point:</b>	not measured
<b>Boiling Point:</b>	not measured
<b>Flash Point:</b>	> 100 °C (DIN EN 22719 (DIN 51758))
<b>Evaporation Rate:</b>	not measured
<b>Flammability (solid, gas):</b>	No data available.
<b>Explosive limit - upper:</b>	not measured
<b>Explosive limit - lower:</b>	not measured
<b>Vapor pressure:</b>	not measured
<b>Relative vapor density:</b>	not measured
<b>Density:</b>	1.0 - 1.1 g/cm <sup>3</sup> (25 °C) (DIN 51757)
<b>Relative density:</b>	No data available.
<b>Solubility in Water:</b>	Insoluble
<b>Solubility (other):</b>	not measured
<b>Partition coefficient (n-octanol/water):</b>	not measured
<b>Self Ignition Temperature:</b>	not measured
<b>Decomposition Temperature:</b>	not measured

**Kinematic viscosity:** 636 - 2273 mm<sup>2</sup>/s (25 °C, calculated)  
**Dynamic viscosity:** 700 - 2,500 mPa.s (25 °C, DIN 53019)

**Other information**

**Explosive properties:** not measured  
**Oxidizing properties:** not measured  
**Minimum ignition temperature:** not measured  
**Metal Corrosion:** not measured

**10. Stability and reactivity**

**Reactivity:** see section "Possibility of hazardous reactions".  
**Chemical Stability:** The product is stable under normal conditions.  
**Possibility of hazardous reactions:** No hazardous reactions with proper storage and handling.  
**Conditions to avoid:** Unknown  
**Incompatible Materials:** Unknown  
**Hazardous Decomposition Products:** None with proper storage and handling.

**11. Toxicological information****Information on likely routes of exposure**

**Inhalation:** Information on effects are given below.  
**Skin Contact:** Information on effects are given below.  
**Eye contact:** Information on effects are given below.  
**Ingestion:** Information on effects are given below.

**Symptoms related to the physical, chemical and toxicological characteristics**

**Inhalation:** No data available.  
**Skin Contact:** No data available.  
**Eye contact:** No data available.  
**Ingestion:** No data available.

**Information on toxicological effects****Acute toxicity (list all possible routes of exposure)**

**Oral**  
**Product:** No data available.  
**Dermal**  
**Product:** No data available.

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**Inhalation****Product:** No data available.**Repeated dose toxicity****Product:** No data available.**Skin Corrosion/Irritation****Product:** No data available.**Serious Eye Damage/Eye Irritation****Product:** No data available.**Respiratory or Skin Sensitization****Product:** , OECD 406 (Guinea Pig)Not a skin sensitizer.**Carcinogenicity****Product:** No data available.**IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:**

No carcinogens present or none present in regulated quantities

**US. National Toxicology Program (NTP) Report on Carcinogens:**

No carcinogens present or none present in regulated quantities

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050), as amended:**

No carcinogens present or none present in regulated quantities

**Germ Cell Mutagenicity****In vitro****Product:** No data available.**Components:**2-Methylhydroquinone Ames test (OECD 471): negative  
Micronucleus test (OECD 487): negative**In vivo****Product:** No data available.**Reproductive toxicity****Product:** No data available.**Specific Target Organ Toxicity - Single Exposure****Product:** No data available.**Specific Target Organ Toxicity - Repeated Exposure****Product:** No data available.**Aspiration Hazard****Product:** Not classified**Other effects:**

Proper use provided, no adverse health effects have been observed or have been come to our knowledge. Eye contact may produce an oil film over the eye-ball causing a harmless reversible shortlasting dimness of sight.

**12. Ecological information****Ecotoxicity:****Acute hazards to the aquatic environment:**

**Fish**
**Product:** No data available.

**Aquatic Invertebrates**
**Product:** No data available.

**Toxicity to Aquatic Plants**
**Product:** No data available.

**Components:**

n-butyl acrylate EC 50 (Selenastrum capricornutum (green algae), 96 h): 2.65 mg/l (OECD 201)

2-Methylhydroquinone EC 50 (Desmodesmus subspicatus (green algae), 72 h): 2.3 mg/l (OECD 201)

**Toxicity to microorganisms**
**Product:** No data available.

**Components:**

2-Methylhydroquinone EC 50 (activated sludge, 3 h): 22.15 mg/l (OECD 209)

**Chronic hazards to the aquatic environment:**
**Fish**
**Product:** No data available.

**Aquatic Invertebrates**
**Product:** No data available.

**Toxicity to Aquatic Plants**
**Product:** No data available.

**Toxicity to microorganisms**
**Product:** No data available.

**Persistence and Degradability**
**Biodegradation**
**Product:** No data available.

**BOD/COD Ratio**
**Product:** No data available.

**Bioaccumulative potential**
**Product:** No data available.

**Partition Coefficient n-octanol / water (log Kow)**
**Product:** Log Kow: not measured

**Mobility in soil:**
**Product** No data available.

**Components:**

n-butyl acrylate The product evaporates slowly.

**Other adverse effects:**

Do not allow to enter soil, waterways or waste water canal.

<b>13. Disposal considerations</b>
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**Disposal methods:**

In accordance with local authority regulations, take to special waste incineration plant

**Contaminated Packaging:** If empty contaminated containers are recycled or disposed of, the receiver must be informed about possible hazards.

## 14. Transport information

### Domestic regulation

#### 49 CFR

Not regulated as a dangerous good

### 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.

## 15. Regulatory information

### US Federal Regulations

#### TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

None present or none present in regulated quantities.

#### US. Toxic Substances Control Act (TSCA) Section 5(a)(2) Final Significant New Use Rules (SNURs) (40 CFR 721, Subpt E)

None present or none present in regulated quantities.

#### US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050), as amended

None present or none present in regulated quantities.

#### CERCLA Hazardous Substance List (40 CFR 302.4):

None present or none present in regulated quantities.

### Superfund Amendments and Reauthorization Act of 1986 (SARA)

#### Hazard categories

Not classified

#### US. EPCRA (SARA Title III) Section 304 Extremely Hazardous Substances Reporting Quantities and the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Hazardous Substances

#### US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 313 Toxic Chemicals (40 CFR 372.65) - Supplier Notification Required

None present or none present in regulated quantities.

#### Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):

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



**Product name: TEGO® Rad 2200 N**

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).  
 None present or none present in regulated quantities.

**Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)**

This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act, Section 311, Table 116.4A.  
 This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3.  
 This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307  
 None present or none present in regulated quantities.

**US State Regulations**
**US. California Proposition 65**

Not regulated.  
 Not regulated.  
 No ingredient requiring a warning under CA Prop 65.

**US. New Jersey Worker and Community Right-to-Know Act**

No ingredient regulated by NJ Right-to-Know Law present.

**US. Massachusetts RTK - Substance List**

No ingredient regulated by MA Right-to-Know Law present.

**US. Pennsylvania RTK - Hazardous Substances**

No ingredient regulated by PA Right-to-Know Law present.

**US. Rhode Island RTK**

No ingredient regulated by RI Right-to-Know Law present.

**Inventory Status:**

US TSCA Inventory: Included on Inventory.  
 Canada NDSL Inventory: Included on Inventory.

Evonik has submitted a non-Final NSN (New Substance Notification) for this substance.

**16. Other information, including date of preparation or last revision**
**HMIS Hazard ID**

<b>Health</b>	1
<b>Flammability</b>	1
<b>Physical Hazards</b>	0
<b>PERSONAL PROTECTION</b>	<b>X</b>

Ask supervisor or safety specialist for handling instructions

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; RNP - Rating not possible; \*Chronic health effect

**Issue Date:** 01/20/2021

**Version #:** 1.1

**Further Information:** CTFA: complies

**Revision Information**

Changes since the last version are highlighted in the margin. This version replaces all previous versions.

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