

# SAFETY DATA SHEET (SDS-US)

TEGO RAD 2700

VA-No.

Version

3.8 / US

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## 1. Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

Trade name : TEGO RAD 2700

Chemical Name : Acrylated Polysiloxanes

### 1.2. Recommended use of the chemical and restrictions on use

Recommended use : Industrial Use

Non-recommended use(s) : None known.

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

Company : Evonik Corporation  
Consumer Specialties  
PO Box 1299  
HOPEWELL VA 23860  
USA

Telephone : +1 (0)804 541-8658

Telefax : +1 (0)804 541-2783

E-mail : productsafety-cs@evonik.com

#### Contact Canada

Company : Evonik Canada Inc.  
PO Box 5057  
3380 South Service Road  
Burlington ON L7N 3J5  
Canada

Telephone : +1 (0)905-336-3423

Telefax : +1 (0)905-332-5632

E-mail : productsafety-cs@evonik.com

### 1.4. Emergency telephone number

Emergency information : Non-Emergency Phone Number : (800) 732-5616  
In case of emergency call CHEMTREC US: 1-800-424-9300, CHEMTREC WORLD:  
1-703-527-3887.

#### 24 HOUR EMERGENCY TELEPHONE NUMBERS:

CHEMTREC - US & CANADA toll free: +1-800-424-9300

CHEMTREC - MEXICO toll free: 01-800-681-9531

CHEMTREC GLOBAL - Collect calls accepted: +1-703-527-3887

## 2. Hazards identification

### 2.1. Classification of the substance or mixture

#### Classification according to Regulation 29CFR 1910.1200

Eye irritation

Category 2

H319

### 2.2. Label elements

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Symbol(s)



Signal word : Warning

hazard statement : H319 - Causes serious eye irritation.

Precautionary Statement (Prevention) : P262 - Do not get in eyes, on skin, or on clothing.  
P280a - Wear protective gloves and eye/face protection.

Precautionary Statement (Response) : P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337 + P313 - If eye irritation persists: Get medical advice/attention.

## 2.3. Other hazards

None known

## 3. Composition/information on ingredients

### 3.1. Substances

#### Classification according to Regulation 29CFR 1910.1200

Chemical Name	NJ Trade secrets CAS-No.	Concentration	Classification
1-Propanol, 2-methyl-	- 78-83-1	< 0.1 %	
Siloxanes and Silicones, di-Me, hydrogen-terminated, reaction products with 2,2-bis[[[1-oxo-2-propenyl)oxy]methyl]-1,3-propanediyl	- 157811-87-5	> 99 %	

Texts of H phrases, see in Chapter 16

### 3.2. Mixtures

-

## 4. First aid measures

### 4.1. Description of first aid measures

- General advice : Remove soiled or soaked clothing immediately
- Inhalation : Remove individual from site of exposure to fresh air.
- Skin contact : Immediately and thoroughly, wash off with soap and water.
- Eye contact : Flush eye(s) for 15 minutes or more; if irritation persists, consult a physician (preferably an eye specialist) and show MSDS.
- Ingestion : Drink large quantities of water with activated carbon and do not induce vomiting. Seek medical attention and show this MSDS.

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

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

## 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

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## 5. Fire-fighting measures

### 5.1. Extinguishing media

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

Unsuitable extinguishing media : Full water jet

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

In the event of fire the following can be released:  
- Carbon monoxide, carbon dioxide, silicon dioxide

### 5.3. Advice for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

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## 6. Accidental release measures

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

Use personal protective equipment.

### 6.2. Environmental precautions

Do not allow to enter drains or waterways  
Do not discharge into the subsoil/soil.

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

Pick up with absorbent material.  
Dispose of absorbed material in accordance with the regulations.

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## 7. Handling and storage

### 7.1. Precautions for safe handling

Advice on safe handling : Ensure adequate ventilation.

Handling : no data available

Hygiene measures : No smoking, eating or drinking allowed when using this product. Wash hands before breaks and at end of work shift.  
Remove soiled or soaked clothing immediately.

General protective measures : Avoid contact with eyes and skin  
Do not inhale gases/vapours/aerosols.

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

#### Prevention of fire and explosion

Information : No special measures required.

#### Storage

Information : none

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Further information on storage conditions : Keep container tightly closed in a cool, well-ventilated place

## 8. Exposure controls/personal protection

### 8.1. Control parameters

#### Exposure limit(s)

Ingredients	CAS-No.	Statutory basis/list (Update)	Value type (Form of exposure; Expressed as)	Value	Short-term

### 8.2. Exposure controls

#### Engineering controls

Appropriate engineering controls : Good general (mechanical) ventilation should be sufficient to control airborne levels.

#### Personal protective equipment

Eye protection : Safety Goggles recommended for use.

Hand protection : Examples of suitable gloves are those made by the company Kächele-Cama Latex GmbH, Am Kreuzacker 9, D-36124 Eichenzell, e-mail vertrieb@kcl.de, with subsequent specification (test according to EN374); specific workplace conditions must be separately taken into account.

These recommendations apply only to the product mentioned in the material data safety sheet that we supply and the purpose that we indicate.

Glove material: gloves made of nitril (NBR)

Break through time: 480 min

Glove thickness: 0.11 mm

Glove material: gloves made of natural latex

Break through time: 480 min

Glove thickness: 0.5 mm

Glove material: gloves made of chloroprene (CR, e.g. Neoprene)

Break through time: 480 min

Glove thickness: 0.65 mm

Glove material: gloves made of butyl (IIR)

Break through time: 480 min

Glove thickness: 0.7 mm

Body Protection : protective clothing

Respiratory protection : Use breathing apparatus in the event of aerosol or mist formation. Use short term filter apparatus like filter A.

## 9. Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state :

Form : liquid

Colour : cloudy

Odour : characteristic

Odour Threshold : not measured

pH : not applicable, delivered form

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Melting point	: not measured
Boiling point	: not measured
Flash point	: > 212 °F Method: TAG CC
Evaporation rate	: Unavailable
Flammability	: no data available
Upper Explosion/Ignition Limit	: not measured
Lower explosion limit	: not measured
Vapour pressure	: not measured
Relative vapour density	: not measured
Relative density	: no data available
Solubility	: not measured
Water solubility	: insoluble
Partition coefficient (n-octanol/water)	: not measured
Autoignition temperature	: not measured
Thermal decomposition	: not measured
Viscosity, kinematic	: no data available
Viscosity, dynamic	: 800 - 2,500 mPa·s (25 °C) Method: DIN 53019
Explosive properties	: not measured
Oxidising properties	: not measured

## 9.2. Other information

Density	: ca. 1.04 g/cm <sup>3</sup> (25 °C)
Metal corrosion	: not measured
Ignition temperature	: not measured

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## 10. Stability and reactivity

### 10.1. Reactivity

see section "Possibility of hazardous reactions"

### 10.2. Chemical stability

The product is stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No

No hazardous reactions with proper storage and handling.

### 10.4. Conditions to avoid

None with proper storing and handling.

### 10.5. Incompatible materials

Unknown

### 10.6. Hazardous decomposition products

None with proper storage and handling.

## 11. Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral) : LD50  
Species: Rat  
Dose: > 2,000 mg/kg

Acute toxicity (inhalation) : The results based on calculation as per chapter 3.1.3.6 Directive 1272/2008/EC are above the classification limits.

Acute toxicity (dermal) :

Irritation/corrosion of the skin : Result: non-irritant

Serious eye damage/ eye irritation : Result: irritant

Respiratory/skin sensitization : Result: non-sensitizing  
Classification: Did not cause sensitization on laboratory animals.

Repeated dose toxicity : no data available

#### CMR assessment

Carcinogenicity : no data available

Mutagenicity : no data available

Teratogenicity : no data available

Toxicity to reproduction : no data available

Carcinogenicity : Not listed by NTP, IARC, ACGIH, or OSHA as a carcinogen.

Specific Target Organ Toxicity -

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Single exposure

Specific Target : no data available

Organ Toxicity -  
Repeated exposure

Aspiration hazard : No Aspiration toxicity classification

Other information : Irritant to eyes.

The substance has no mutagenic activity (Ames Test)

Up to now toxicological data are not available.

The toxicological data given are by analogy

## 12. Ecological information

### Ecotoxicology Assessment

Acute aquatic toxicity : no data available

Chronic aquatic  
toxicity : no data available

### 12.1. Toxicity

Aquaticity, fish : no data available

Aquaticity,  
invertebrates : no data available

Aquaticity, algae /  
aquatic plants : no data available

Toxicity in  
microorganisms : no data available

chronic toxicity in fish : no data available

Chronic toxicity in  
aquatic Invertebrates : no data available

Toxicity in organisms  
which live in the soil : no data available

Toxicity in terrestrial  
plants : no data available

Toxicity to Above-  
Ground Organisms : no data available

### 12.2. Persistence and degradability

Photodegradation : no data available

Biological  
degradability : no data available

Physico-chemical  
removability : no data available

Biochemical Oxygen  
Demand (BOD) : no data available

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Chemical Oxygen Demand (COD) : no data available

relation of BOD/COD : no data available

Dissolved organic carbon (DOC) : no data available

Adsorbed organic bound halogens (AOX) : no data available

Distribution among environmental compartments : no data available

## 12.3. Bioaccumulative potential

Bioaccumulation : no data available

## 12.4. Mobility in soil

Environmental distribution : no data available

## 12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment : no data available

## 12.6. Other adverse effects

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

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## 13. Disposal considerations

### 13.1. Waste treatment methods

Product : 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.

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## 14. Transport information

Not dangerous according to transport regulations.

- 14.1 UN number: --  
14.2 UN proper shipping name: --  
14.3 Transport hazard class(es): --  
14.4 Packing group: --  
14.5 Environmental hazards: --  
14.6 Special precautions for user: No

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## 15. Regulatory information



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Canada:

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulation and the (M)SDS contains all information required by the Controlled Products Regulation

Canada : WHMIS CLASSIFICATION  
 Class D, Division 2, Subdivision B  
 This product contains component(s) that are listed on the WHMIS Ingredient Disclosure List.

1-Propanol, 2-methyl- 78-83-1

US regulations:

SARA Title III Section 311/312 Hazard Categories : Acute Health Hazard

CERCLA : CAS 78-83-1 : 5000 lbs

State Right to Know : MASS RTK: YES  
 • 1-Propanol, 2-methyl- (CAS-No.: 78-83-1)

RH IS RTK: YES  
 • 1-Propanol, 2-methyl- (CAS-No.: 78-83-1)

NJ RTK: YES  
 • 1-Propanol, 2-methyl- (CAS-No.: 78-83-1)

PENN RTK: YES  
 • 1-Propanol, 2-methyl- (CAS-No.: 78-83-1)

SARA 313: This product contains no SARA Title III, Section 313 listed chemicals.

California Proposition 65 Statement : Notification : No  
 This product does not contain any substance(s) which are defined by the state of California to cause cancer, birth defects, or other reproductive effects.

TSCA lists : TSCA 12B - Yes  
 • 1-Propanol, 2-methyl- (CAS-No.: 78-83-1)

TSCA 4 - Yes  
 • 1-Propanol, 2-methyl- (CAS-No.: 78-83-1)

TSCA 8D - Yes  
 • 1-Propanol, 2-methyl- (CAS-No.: 78-83-1)

HMS Ratings Health: 2  
 Flammability: 1  
 Reactivity: 0  
 Personal Protection: X

**Notification status**

USA (TSCA) : listed/registered or exempted  
 Canada (DSL) : listed/registered or exempted

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## 16. Other information

### List of references

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## Legend

<b>ADR</b>	European Agreement concerning the International Carriage of Dangerous Goods by Road
<b>ADN</b>	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
<b>ADNR</b>	European agreement concerning the international carriage of dangerous goods by inland waterways (ADN)
<b>ASTM</b>	American Society for Testing and Materials
<b>ATP</b>	Adaptation to Technical Progress
<b>BCF</b>	Bioconcentration factor
<b>BetrSichV</b>	German Ordinance on Industrial Safety and Health
<b>c.c.</b>	closed cup
<b>CAS</b>	Chemical Abstract Services
<b>CESIO</b>	European Committee of Organic Surfactants and their Intermediates
<b>Chem G</b>	German Chemicals Act
<b>CMR</b>	carcinogenic-mutagenic-toxic for reproduction
<b>DIN</b>	German Institute for Standardization
<b>DMEL</b>	Derived minimum effect level
<b>DNEL</b>	Derived no effect level
<b>EINECS</b>	European Inventory of Existing Commercial Chemical Substances
<b>EC50</b>	half maximal effective concentration
<b>GefStoffV</b>	German Ordinance on Hazardous Substances
<b>GGVSEB</b>	German ordinance for road, rail and inland waterway transportation of dangerous goods
<b>GGVSee</b>	German ordinance for sea transportation of dangerous goods
<b>GLP</b>	Good Laboratory Practice
<b>GMO</b>	Genetic Modified Organism
<b>IATA</b>	International Air Transport Association
<b>ICAO</b>	International Civil Aviation Organization
<b>IMDG</b>	International Maritime Dangerous Goods
<b>ISO</b>	International Organization For Standardization
<b>LOAEL</b>	Lowest observed adverse effect level
<b>LOEL</b>	Lowest observed effect level
<b>NOAEL</b>	No observed adverse effect level
<b>NOEC</b>	no observed effect concentration
<b>NOEL</b>	no observed effect level
<b>o. c.</b>	open cup
<b>OECD</b>	Organisation for Economic Cooperation and Development
<b>OEL</b>	Occupational Exposure Limit
<b>PBT</b>	Persistent, bioaccumulative, toxic
<b>PEC</b>	Predicted effect concentration
<b>PNEC</b>	Predicted no effect concentration
<b>REACH</b>	REACH registration
<b>RID</b>	Convention concerning International Carriage by Rail
<b>STOT</b>	Specific Target Organ Toxicity
<b>SVHC</b>	Substances of Very High Concern
<b>TA</b>	Technical Instructions
<b>TPR</b>	Third Party Representative (Art. 4)
<b>TRGS</b>	Technical Rules for Hazardous Substances
<b>VCI</b>	German chemical industry association
<b>vPvB</b>	very persistent, very bioaccumulative
<b>VOC</b>	volatile organic compounds
<b>VwVwS</b>	German Administrative Regulation on the Classification of Substances Hazardous to Waters into Water Hazard Classes
<b>WGK</b>	Water Hazard Class
<b>WHO</b>	World Health Organization