

Material Safety Data Sheet

Version: 3.5

Revision Date : 05/18/2012
Date Issued : 08/23/2013

TEGO RAD 2700

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Trade name : TEGO RAD 2700
 PRODUCT CODE : 202074
 CHEMICAL FAMILY : Acrylated Polysiloxanes

Information on manufacturer/supplier : Evonik Industries AG
 Werk Tego
 Goldschmidtstr. 100
 Essen, 05 45127

Emergency telephone number (24h) : Telephone:
 CHEMTREC (800) 424-9300
 CANUTEC (613) 996-6666
 Non-Emergency Phone Number: (800) 732-5616

2. COMPOSITION/INFORMATION ON INGREDIENTS

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

3. HAZARDS IDENTIFICATION

Emergency Overview

Physical Appearance

Form : Liquid
 Colour : cloudy
 Odour : characteristic
 Water solubility : insoluble

pH :
 not applicable
 delivered form

Potential health effects

Material Safety Data Sheet

Version: 3.5

Revision Date : 05/18/2012
Date Issued : 08/23/2013

TEGO RAD 2700

Immediate concerns : Irritating to eyes.

Eyes : Irritating to eyes.

Skin : No harmful effects have been reported upon contact with skin.

Ingestion : No harmful effects have been reported upon ingestion.

Inhalation : No harmful effects have been reported upon inhalation.

Primary routes of entry : Eyes

Target organs : Eyes

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

4. FIRST AID MEASURES

Eyes : Flush eye(s) for 15 minutes or more; if irritation persists, consult a physician (preferably an eye specialist) and show MSDS.

Skin : Immediately and thoroughly, wash off with soap and water.

Ingestion : Drink large quantities of water with activated carbon and do not induce vomiting. Seek medical attention and show this MSDS.

Inhalation : Remove individual from site of exposure to fresh air.

General advice : Remove soiled or soaked clothing immediately

5. FIRE-FIGHTING MEASURES

Flash point : > 212 °F
Method: TAG CC

Autoignition temperature : not measured

Upper Explosion limits : not measured

Lower explosion limit : not measured

Material Safety Data Sheet

Version: 3.5

Revision Date : 05/18/2012
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TEGO RAD 2700

- Suitable extinguishing media : foam, carbon dioxide, dry powder, water spray.
- Extinguishing media which must not be used for safety reasons : Full water jet
- Products in case of fire : In the event of fire the following can be released:
- Carbon monoxide, carbon dioxide, silicon dioxide
- Special protective equipment for fire-fighters : As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.
- Hazardous decomposition products : None with proper storage and handling.
- OSHA flammable class : Combustible Liquid, Class IIIB

6. ACCIDENTAL RELEASE MEASURES

- Methods for cleaning up / taking up : Small spills :
Use personal protective equipment. Pick up with absorbent material (e.g., sand, peat, earth). Dispose of absorbed material in accordance with the regulations.

Release Notes :

US regulations require reporting spills of this material that could reach any surface waters

In case of accident or road spill notify :

Telephone:

CHEMTREC USA	(800) 424-9300
CANUTEC Canada	(613) 996-6666
CHEMTREC (other countries)	(International code)+1-202-483-7616

7. HANDLING AND STORAGE

General Procedures Handling

- Advice on safe handling : Ensure adequate ventilation.
- Advice on protection against fire and explosion : No special measures required.

Material Safety Data Sheet

Version: 3.5

Revision Date : 05/18/2012
Date Issued : 08/23/2013

TEGO RAD 2700

Storage

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

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protective equipment

- General protective measures : Avoid contact with eyes and skin
Do not inhale gases/vapours/aerosols.
- 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.
- Respiratory protection : Use breathing apparatus in the event of aerosol or mist formation. Use short term filter apparatus like filter A.
- 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.
- Eye protection : Safety Goggles recommended for use.
- Protective clothing : protective clothing
- Engineering controls : Good general (mechanical) ventilation should be sufficient to control airborne levels.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Form : Liquid
Colour : cloudy
Odour : characteristic
Melting temperature : not measured
Boiling temperature : not measured

Material Safety Data Sheet

Version: 3.5

Revision Date : 05/18/2012
Date Issued : 08/23/2013

TEGO RAD 2700

Vapour pressure : not measured

Density : approx. 1.04 g/cm³
at 77.00 °F

Weight per volume : 8.66 Lb/Gal

Water solubility : insoluble

pH : delivered form
not applicable

Viscosity, dynamic : 800 - 2,500 mPa.s
at 25 °C
Method: DIN 53019

Evaporation rate : Unavailable

10. STABILITY AND REACTIVITY

Conditions to avoid : None with proper storing and handling.

Thermal decomposition : Not measured

Hazardous reactions : No hazardous reactions with proper storage and handling.

Hazardous polymerisation : No

Stability : Yes

Hazardous decomposition products : None with proper storage and handling.

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity : LD50 Species: rat
Dose: > 2,000 mg/kg

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

Skin irritation : non-irritant

Material Safety Data Sheet

Version: 3.5

Revision Date : 05/18/2012
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TEGO RAD 2700

- Eye irritation : irritant
- Sensitization : Classification: Did not cause sensitization on laboratory animals.
non-sensitizing
- Note : 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

Further ecological information

- Ecological notes : Do not allow to enter soil, waterways or waste water canal.

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local, state, and federal regulations.

- Product disposal and disposal requirements : 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

Sea transport

IMDG:

Not regulated

Air transport

ICAO/IATA:

Not regulated

DOT (Department of Transportation)

Material Safety Data Sheet

Version: 3.5

Revision Date : 05/18/2012
Date Issued : 08/23/2013

TEGO RAD 2700

CFR Road:

Not regulated

CFR Rail:

Not regulated

CANADA Transport of Dangerous goods

TDG Road:

Not regulated

TDG Rail:

Not regulated

Material Safety Data Sheet

Version: 3.5

Revision Date : 05/18/2012
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TEGO RAD 2700

15. REGULATORY INFORMATION

United States

- SARA Section 311/312 : Fire: No
Pressure generating: No
Reactivity: No
Acute: Yes
Chronic: No
- SARA Sections : SECTION 313
Notification : No
This product contains no SARA Title III, Section 313 listed chemicals.
- Notification Status : TSCA
Notification : Yes
All intentional ingredients are listed in the TSCA Inventory or comply with TSCA Polymer Exemption criteria per 40 CFR 723.
- State regulations : MASS. RIGHT TO KNOW
Notification : Yes
- RHODE ISLAND RTK
Notification : Yes
- NEW JERSEY RTK
Notification : Yes
- PENNSYLVANIA RTK
Notification : Yes
- 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.
- CERCLA : CAS 78-83-1 : 500 lb

Material Safety Data Sheet

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TEGO RAD 2700

Canada : WHMIS CLASSIFICATION
Class D, Division 2, Subdivision B

This product contains component(s) that are listed on the WHMIS Ingredient Disclosure List.

Components	CAS-No.
1-Propanol, 2-methyl-	78-83-1

Notification Status : Canadian Environmental Protection Act
DSL
Notification : Yes
All intentional ingredients are listed on the DSL (Domestic Substance List) or have been notified pursuant to the NSN regulations.

16. OTHER INFORMATION

HMIS Codes : Fire : 1
Health : 2
Physical Hazard : 0
Protection : X

Manufacturer disclaimer : While the information and recommendations contained herein are believed to be accurate, we make no warranty with respect hereto and disclaim all liability from reliance thereon

END OF MSDS