

Material Safety Data Sheet

Version: 1.8

Revision Date : 06/23/2011
Date Issued : 08/23/2013

TEGO RAD 2300

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

Trade name : TEGO RAD 2300
 PRODUCT CODE : 206366
 CHEMICAL FAMILY : Siliconepolyether acrylate

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 [%]
All Ingredients Are Proprietary		

3. HAZARDS IDENTIFICATION

Emergency Overview

Physical Appearance

Form : Liquid
 Colour : colourless to yellowish
 Odour : like acrylic
 Water solubility : insoluble

pH :
not measured

Potential health effects

Immediate concerns : No particular hazards known.

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Eyes : May produce oil film causing brief reversible dimness of sight.

Skin : No harmful effects are expected to occur upon contact.

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

Skin : In case of contact with skin wash off immediately with soap and water
Consult a doctor if skin irritation persists.

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

Inhalation : Ensure supply of fresh air.
In the event of symptoms seek medical advice.

5. FIRE-FIGHTING MEASURES

Flash point : > 212 °F

Autoignition temperature : not measured

Upper Explosion limits : not measured

Lower explosion limit : not measured

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- 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
- Formaldehyde
- Special protective equipment for fire-fighters : Use self-contained breathing apparatus
- 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 :
Take up with absorbent material (Sand, Universal Binder).
Take up absorbent material. When absorbed, sweep or otherwise collect and dispose of properly.

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

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7. HANDLING AND STORAGE

General Procedures Handling

Advice on safe handling : when working with the product vapors/aerosols may be evolved; therefore a local exhaust and ventilation are recommended.

Advice on protection against fire and explosion : No special measures required.

Storage

Further information : Storage: cool and dry

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protective equipment

Hygiene measures : Wash hands before breaks and after work.
At work do not eat, drink, smoke or take drugs.

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

Hand protection : PVC gloves

Eye protection : goggles, or face shield if necessary

Protective clothing : light protective clothing

9. PHYSICAL AND CHEMICAL PROPERTIES

Form : Liquid
Colour : colourless to yellowish
Odour : like acrylic
State of aggregation : Liquid

Melting temperature : not measured

Boiling temperature : not measured

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Vapour pressure : not measured

Density : 1.012 g/cm³

Solubility/qualitative : Soluble in toluene

Water solubility : insoluble

pH : not measured

Viscosity, dynamic : 200 - 500 mPa.s
at 25 °C
Method: Brookfield

Volatile organic compound : 8.62 g/l
0.07 Lb/Gal
percentage volatile: 0.87 %
Percent Water:0.017 %
percent non-volatile: 99.13 %

10. STABILITY AND REACTIVITY

Thermal decomposition : Not measured

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

Hazardous decomposition products : None with proper storage and handling.

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity : LD50 Species: rat
Dose: > 2,000 mg/kg
Method: OECD 423

Sensitization : Species: Guinea pig
Classification: Did not cause sensitization on laboratory animals.
non-sensitizing
Method: OECD 406 (according to Magnusson and Kligman)
Source: Untersuchungsbericht/Evonik Goldschmidt GmbH

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Note : 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 effects

Toxicity to daphnia : EC50 Species: Daphnia magna
Dose: > 100 mg/l
Exposure time: 48 h
Method: OECD 202
Source: Untersuchungsbericht/Evonik Goldschmidt GmbH

Further ecological information

Ecological notes : Per German Law, this product is considered to be a water pollutant. 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:

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Not regulated

DOT (Department of Transportation)

CFR Road:

Not regulated

CFR Rail:

Not regulated

CANADA Transport of Dangerous goods

TDG Road:

Not regulated

TDG Rail:

Not regulated

15. REGULATORY INFORMATION

United States

SARA Section 311/312 : Fire: No
Pressure generating: No
Reactivity: No
Acute: No
Chronic: No

SARA Sections : SECTION 313
Notification : No

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.

California Proposition 65 : Notification : No
Statement
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.

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Canada : WHMIS CLASSIFICATION
Non-WHMIS

This product does not contain component(s) on the WHMIS Ingredient Disclosure List.

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 : 1
Physical Hazard : 0
Protection : X

Other information :

none

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