

Safety Data Sheet – Roxtec Assembly Gel



Updated: 2016-06-02

Replaces: 1000232-6

Internal document revision: 1000232-7

1. Designation of substance/preparation and company/enterprise

- ☐ Approved for use
- ☐ Approved for laboratory use
- ☐ Approved by Roxtec International AB

Trade name:	Roxtec assembly gel.
Chemical designation:	Polyalkylene glycol with inorganic thickeners and stabilisers.
Application:	Assembly aid. Lubricant for rubber and plastics.
Domestic manufacturer/importer:	Roxtec International AB
Address:	PO Box 540 371 23 Karlskrona
Email:	info@roxtec.com
Website:	www.roxtec.com
Telephone:	+46 (0)455-36 67 00
Fax:	+46 (0)455-820 12
Emergency telephone:	+46 (0)455-36 67 00, Monday–Friday 8:00–17:00 CET.

2. Hazardous properties

General:	Assessed as not hazardous under current legislation. No known health or environmental hazards in normal use when good occupational hygiene practices are observed.
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3. Composition/information on ingredients

Composition:	Preparation of polyalkylene glycols with inorganic thickeners and stabilisers.
Comments on ingredients:	The product contains no hazardous components, or hazardous components in such quantities that these should be reported.

4. First aid

General:	No known hazards that require special first aid measures.
Skin contact:	Wash with soap and water, cleansing cream, if necessary. Do not let product dry on skin. Seek medical advice if symptoms persist.
Contact with eyes:	Rinse eyes repeatedly, seek medical advice if problems persist.
Ingestion:	Rinse mouth with water. Drink water. Seek medical advice if nausea/discomfort occurs or where large quantities are ingested, show safety data sheet or product label.
Inhalation:	Fresh air, warmth and rest. Medical assistance for respiratory disorders.
Medical information:	Treat symptomatically.

5. Fire-fighting measures

Suitable extinguishing agents:	Water spray/foam, carbon dioxide (CO ₂) and powder. The product is not flammable.
Unsuitable extinguishing agents:	Directed jet of water.
Fire and explosion hazards:	Harmful and toxic fumes may develop during fire.
Information:	Avoid inhalation of smoke from fire. Containers in vicinity of fire should be removed or cooled with water.
Protective equipment for firefighters:	Complete protective equipment including breathing apparatus.

6. Accidental release measures

Measures for avoidance of personal injury:	Beware of risk of slipping on product, or its ability to dissolve asphalt, floor coverings, etc. Avoid skin and eye contact.
Measures for environmental protection:	Dike to prevent spreading. Prevent the product from entering drains, the soil or waterways.
Information:	Absorb with inert absorbent material (e.g. sand, diatomaceous earth, sawdust or similar) and deliver to your nearest collection station for destruction.

7. Handling and storage

Special properties and risks:	No special technical measures required.
Advice for safe handling:	Avoid skin and eye contact. Ensure good ventilation.
Storage instructions:	Store in a cool, dry and ventilated area in closed containers.

8. Exposure restrictions/personal protection

Preventative measures:	Use the recommended protective equipment and clothing. Avoid smoking or consumption of food or drink while working with the product. Remove contaminated clothing straight away. Wash hands before breaks and after work. Avoid skin and eye contact.
Respiratory protection:	Not usually required.
Eye protection:	Wear approved safety goggles where there is hazard of splashing.
Protective gloves:	Recommended where skin contact cannot be avoided. Suitable gloves may be recommended by the glove supplier. Protective cream may be applied to the skin. Nitrile rubber gloves.
Protective clothing:	Workwear.
Other information:	Cloths contaminated with the product should not be kept in trouser pockets. The product should not be stored with food.

9. Physical and chemical properties

Shape/state:	Gel
Colour:	Blue
Odour:	Odourless/faint scent
Solubility:	Water soluble
Melting point:	-15° C
Density:	1 g/cm ³
Explosion limits:	None
pH concentration:	5-7
Solubility in water:	Soluble
Viscosity:	Approx. 20000 cP

Temperature range: -20/+80° C
Classification: No classification required

10. Stability and reactivity

Stability: Stable under normal conditions.
Reacts with: Reacts with strong oxidants. Avoid contact with strong acids.
Hazardous decomposition products: Acetic acid. Propionaldehyde. Lactic acid.
Other information: Avoid overheating the product.

11. Toxicological information

Acute toxic test results:
Acute oral toxicity: More than 2 000 mg/kg LD50 rat.
Acute dermatologic toxicity: More than 2 000 mg/kg LD50 rabbit.
General: Low acute toxicity. The product is not expected to pose hazard to health under normal use.
Inhalation: The product is not expected to pose hazard to health under normal use.
Contact with eyes: May cause pain and irritation
Ingestion: Unknown
Sensitisation: No sensitisation noted in test (Magnusson and Klingman)

12. Ecological information

Ecotoxicity: Caution should be exercised, as the product has not undergone ecotoxicological tests. No known adverse effect in aquatic environment.
Mobility: The product is water soluble.
Persistence and degradability: The product is biodegradable.
Bioaccumulation potential: Unknown.
Other information: Must not be poured in sewers or other drains.

13. Waste disposal

General: Product waste and empty containers must be disposed of as hazardous waste in accordance with local regulations. The end-user is responsible for the proper classification of waste, as the use may cause different waste properties.
Waste group: No special waste.

14. Transport information

Shipping designation: -
ADR/RID class (car, train): -
UN number: -
Packaging group: -
IMDG (sea): -
ICAO/IATA (air): -
Other transport information: Safe according to the above information. Not classified as hazardous goods as per shipping regulations.

15. Regulatory information

Safety phrases:

S-2 Keep out of reach of children.

S-24/25 Avoid eye and skin contact.

Other information:

Not classified as a hazard to health or the environment under current regulations.

16. Other information

General data:

The product has been assessed as not requiring labeling. The information appearing in the safety data sheet should not be construed as a guarantee for any specific property of the product. The safety data sheet is intended as guidance for safe handling, regarding health, safety and the environment.