

1. IDENTIFICATION OF THE PRODUCT AND COMPANY

- 1.1 Identification of the preparation: RPG 60 Code: 62381
1.2 Use of the preparation: Polyurethane adhesive for glazing.
1.3 Company:
ROBERLO, S.A.
Carretera N-II, Km. 706,5 - E-17457 - Riudellots de la Selva (Girona) - SPAIN
Phone: +34 972 478060 - Fax: +34 972 477394 - info@roberlo.com – www.roberlo.com
1.4 Emergency phone number: +34 91 5620420 (National Institute of Toxicology)
-

2. COMPOSITION/INFORMATION ON INGREDIENTS

Substances taking part in a percentage higher than the exemption limit:

<2,5 %	Olefin	R65	Xn	EC: NONE22
				CAS: --

For more information on dangerous ingredients, see sections 8, 11, 12 and 16.

3. IDENTIFICATION OF HAZARDS

This product is not considered dangerous. in accordance with Directive 67/548/EEC~2004/73/EC and 1999/45/EC~2001/60/EC.

4. FIRST AID MEASURES

When in doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

- 4.1 By inhalation: Remove the patient out of the contaminated area into the fresh air.
4.2 By contact with the skin: Remove contaminated clothing. Wash thoroughly the affected area with plenty of cold or lukewarm water and neutral soap, or use a suitable skin cleanser. Do not use solvents or thinners.
4.3 By contact with eyes: Remove contact lenses. Rinse eyes copiously by irrigation with plenty of clean, fresh water for at least 15 minutes, until the irritation is reduced. Call a physician immediately.
4.4 By ingestion: In case of accidental swallowing, seek immediate medical attention. Do not induce vomiting, due to the risk of aspiration. Keep the patient at rest.
-

5. FIRE-FIGHTING MEASURES

- 5.1 Means of Extinction: Extinguishing powder or CO2. In the case of more important fires, also alcohol resistant foam and water spray/mist.
5.2 Specific risks: As consequence of combustion or thermal decomposition, hazardous decomposition products may be produced, such as: carbon monoxide, carbon dioxide, nitrogen oxides. Exposure to combustion or decomposition products may be a hazard to health.
5.3 Fire-proof protective equipment: Depending on magnitude of fire, heat-proof protective clothing may be required, appropriate independent breathing apparatus, gloves, protective glasses or face masks and boots.

5.4 Other recommendations: Cool with water the tanks, cisterns or containers close to sources of heat or fire. Bear in mind the direction of the wind. Do not allow fire-fighting residue to enter drains, sewers or water courses.

6. ACCIDENTAL SPILLAGE MEASURES

6.1 Personal precautions: Eliminate possible sources of ignition and when appropriate, ventilate the area. Do not smoke. Avoid direct contact with this product. For exposure controls and personal protection measures, see section 8.

6.2 Environmental precautions: Avoid contamination of drains, surface or subterranean water and soil. In the case of large scale spills or when the product contaminates lakes, rivers or sews, inform the appropriate authorities in accordance with local regulations.

6.3 Cleaning-up methods: Contain and mop up spills with non-combustible absorbent materials (earth, sand, vermiculite, diatomaceous earth, etc.). Keep the remains in a closed container. For subsequent waste disposal, follow the recommendations in section 13.

7. HANDLING AND STORAGE

7.1 Handling precautions: Comply with the health and safety at work laws.

- General recommendations: Avoid any type of leakage or escape. Keep the container tightly closed.

Recommendations for the prevention of fire and explosion risks: Due to its flammability, this material should only be used in areas from which all naked lights and other sources of ignition have been excluded and away from other heat or electrical sources. Do not smoke. Electrical equipment should be protected to the appropriate standard. No tools with a potential for sparks should be used.

Flash point: >70°C Setaflash

Recommendations for the prevention of toxicological risks: Do not eat, drink or smoke in application and drying areas. After handling, wash hands with soap and water. For exposure controls and personal protection measures, see section 8.

7.2 Storage conditions: Prevent unauthorized access. Keep out of reach of children. This product should be stored isolated from heat and electrical sources. Do not smoke in storage area. In order to avoid leaks, the containers, after use, should be closed carefully and placed in a vertical position. Class of store: According to current legislation. Maximum storage period: 12 months. Temperature interval: min: 5°C, max: 32°C.

- Incompatible materials: Keep away from reducing agents, oxidizing agents, acids, alkalis.

- Conditions to avoid: Heat: Keep away from sources of heat. Light: Avoid direct contact with sunlight. Humidity: Avoid extreme humidity conditions.

- Type of packaging: According to current legislation.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION 98/24/EC

8.1 Occupational Exposure Limits: Not applicable.

8.2 Occupational exposure controls, Directive 89/686/EEC: Provide adequate ventilation. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general extraction.

- Protection of eyes and face: Install emergency eye baths close to the working area. Goggles: Safety goggles with suitable lateral protection (EN166). Face shield: No.

- Protection of hands and skin: Install emergency showers close to the working area. Barrier creams may help to protect the exposed areas of the skin. Barrier creams should not be

applied once exposure has occurred. Recommended gloves: polyethylene, polypropylene textile-lined. Do not use PVC gloves. Boots: No. Apron: No. Clothing: No.
8.3 Environmental exposure controls: Avoid any spillage in the environment.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Physical state: Paste
- Colour: Black
- Specific gravity: 1,2 g/cc at 20°C
- Solubility in water: Not miscible
- Flash point: >70°C Setflash

10. STABILITY AND REACTIVITY

10.1 Stability: Stable under recommended storage and handling conditions.

10.2 Dangerous reactions: Possible dangerous reaction with reducing agents, oxidizing agents, acids, alkalis.

10.3 Thermal decomposition: As consequence of thermal decomposition, hazardous products may be produced.

11. TOXICOLOGICAL INFORMATION

No experimental toxicological data on the preparation is available.

11.1 Toxicological effects: Based on the properties of the isocyanate content of this product and existing technical data of similar preparations, it can be concluded that respiratory exposure may cause acute irritation and/or sensitization of the respiratory system, resulting in asthmatic symptoms, wheezing and a tightness of the chest. Sensitised persons may subsequently show asthmatic symptoms when exposed to airborne concentrations of isocyanates well below the occupational exposure limit. Repeated exposure may lead to permanent respiratory disability. In case of prolonged contact, the skin can dry up and irritation could appear.

11.2 Dose and lethal concentrations for individual ingredients: Not available.

For more information about ingredients dangerous to health, see sections 2 and 8.

12. ECOLOGICAL INFORMATION

No experimental ecotoxicological data on the preparation as such is available.

12.1 Spills on the soil: Prevent contamination of soil.

12.2 Spills in water: Do not allow to escape into drains, sewers or water courses.

12.3 Emissions to the atmosphere: Avoid any solvent release into the atmosphere.

- VOC: 24 g/l ASTM D-3960

12.4 Ecotoxicological data for individual ingredients: Not available.

13. CONSIDERATIONS FOR DISPOSAL

13.1 Handling of waste, Directive 75/442/EEC~91/156/EC: Take all necessary measures to prevent the production of waste whenever possible. Analyse possible methods for revaluation

or recycling. Do not discharge into drains or the environment, dispose of at an authorised waste collection point. Waste should be handled and disposed of in accordance with current local/national regulations. For exposure controls and personal protection measures, see section 8.

13.2 Disposal of empty containers, Directive 94/62/EC: Emptied containers and packaging should be disposed of in accordance with currently local/national regulations.

13.3 Procedures for neutralising or destroying the product: Controlled incineration in special facilities for chemical waste, but in accordance with local regulations.

14. TRANSPORT INFORMATION

14.1 Transport by road, Directive 94/55/EC (ADR 2005): Free

Transport by rail, Directive 96/49/EC (RID 2005): Free

14.2 Transport by sea (IMDG 32-04): Free

14.3 Transport by air (ICAO/IATA): Free

15. INFORMATION ON REGULATIONS

15.1 EC Labelling:

This product does not require pictograms, in accordance with Directive 67/548/EEC~2004/73/EC and 1999/45/EC~2001/60/EC.

P91 Contains isocyanates. See information supplied by the manufacturer.

Dangerous ingredients: None in a percentage equal to or higher than the limit for the name.

15.2 Restrictions to the marketing and use in accordance with Directive 76/769/EEC: Not applicable.

15.3 Other regulations: Not available.

16. OTHER INFORMATION

Intended use: Only for professional use.

Text of R-phrases listed in section 2:

R65 Harmful: may cause lung damage if swallowed.

Material Safety Data Sheet regulations: Material Safety Data Sheet in accordance with Directive 91/155/EEC~2001/58/EC.

The information of this Material Safety Data Sheet, is based on the present state of knowledge and on current UE and national laws, as the users' working conditions are beyond our knowledge and control. The product is not to be used for other purposes than those specified, without first obtaining written handling instruction. It is always the responsibility of the user to take all necessary steps in order to fulfil the demand laid down in the local rules and legislation. The information in this Material Safety Data Sheet is meant as a description of the safety requirements of the product and it is not to be considered as a guarantee of the product's properties.
