

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 21.09.2011

Revision: 21.09.2011

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

- **Product identifier**
- **Trade name:** Rewmar RP Rapid Primer


- **Relevant identified uses of the substance or mixture and uses advised against** ·
- Sector of Use**
SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites ·
- Product category** PC1 Adhesives, sealants
- **Process category**
PROC10 Roller application or brushing
PROC4 Use in batch and other process (synthesis) where opportunity for exposure arises ·
- Environmental release category** ERC5 Industrial use resulting in inclusion into or onto a matrix ·
- Application of the substance / the preparation :** Primer for adhesive or sealant

- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Rewmar Limited
Units 1 & 2 Munro Business
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Marton Road
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- **Emergency telephone number:** +44 1926 633827

2 Hazards identification

- **Classification of the substance or mixture**
 - **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**
Xn; Harmful
R20-40-48/20: Harmful by inhalation. Limited evidence of a carcinogenic effect. Harmful: danger of serious damage to health by prolonged exposure through inhalation.
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 - Xn; Sensitising
R42/43: May cause sensitisation by inhalation and skin contact.
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 - Xi; Irritant
R36/37/38: Irritating to eyes, respiratory system and skin.
 - **Classification system:**
The classification was made according to the latest editions of the EU-lists, and expanded upon from company and literature data.

 - **Label elements**
 - **Labelling according to EU guidelines:**
The product has been classified and marked in accordance with EU directives.
 - **Code letter and hazard designation of product:**
- 
Xn Harmful
-
- **Hazard-determining components of labelling:**
diphenylmethanediisocyanate, isomers and homologues
 - **Risk phrases:**
20 Harmful by inhalation.

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 21.09.2011

Revision: 21.09.2011

Trade name: **Rewmar RP Rapid Primer**

(Contd. of page 1)

- 36/37/38 Irritating to eyes, respiratory system and skin.
 40 Limited evidence of a carcinogenic effect.
 42/43 May cause sensitisation by inhalation and skin contact.
 48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.

· **Safety phrases:**

- 23 Do not breathe vapour.
 36/37 Wear suitable protective clothing and gloves.
 45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

· **Special labelling of certain preparations:**

Contains isocyanates. See information supplied by the manufacturer. ·

Phrases in case of sale to the general public :

- S2 Keep out of the reach of children.
 S46 If swallowed, seek medical advice immediately and show this container or label. S63 In case of accident by inhalation: remove casualty to fresh air and keep at rest. Persons already sensitised to diisocyanates may develop allergic reactions when using this product. Persons suffering from asthma, eczema or skin problems should avoid contact, including dermal contact, with this product.

This product should not be used under conditions of poor ventilation unless a protective mask with an appropriate gas filter (i.e. type A1 according to standard EN 14387) is used. · **Other hazards**

· **Results of PBT and vPvB assessment ·**

- PBT:** Not applicable.
 · **vPvB:** Not applicable.

3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
 · **Description:**

Adhesive containing a polyurethane prepolymer based on diphenylmethanediisocyanate ·

Dangerous components:

CAS: 9016-87-9	diphenylmethanediisocyanate, isomers and homologues ☒ Xn R20-40-48/20; ☒ Xn R42/43; ☒ R36/37/38 Carc. Cat. 3	40-60%
CAS: 26761-40-0 EINECS: 247-977-1	diisodecyl phthalate substance with a Community workplace exposure limit	2-5%
CAS: 64742-47-8 EINECS: 265-149-8	distillates (petroleum), light ☒ Xn R65 R66	2-5%

- **Additional information :** For the wording of the listed risk phrases refer to section 16.

4 First aid measures

- **Description of first aid measures ·**

General information

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

· **After inhalation**

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

In case of unconsciousness, place patient stably in side position for transportation. ·

After skin contact Immediately wash with water and soap and rinse thoroughly. · **After eye contact**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor. ·

After swallowing Do not induce vomiting; call for medical help immediately.

GB
(Contd. on page 3)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 21.09.2011

Revision: 21.09.2011

Trade name: Rewmar RP Rapid Primer

(Contd. of page 2)

· **Most important symptoms and effects, both acute and delayed**

Nausea

Headache

Drowsiness

Coughing

Breathing difficulty

· **Indication of any immediate medical attention and special treatment needed** No further relevant information available.

5 Firefighting measures

· **Extinguishing media**

· **Suitable extinguishing agents** Use fire fighting measures that suit the environment. ·

Special hazards arising from the substance or mixture

In case of fire, the following can be released:

Carbon monoxide (CO)

Nitrogen oxides (NOx)

Hydrogen cyanide (HCN)

In certain fire conditions, traces of other toxic gases cannot be excluded, e.g.:

Isocyanates

· **Advice for firefighters**

· **Protective equipment:** Wear self-contained respiratory protective device.

6 Accidental release measures

· **Personal precautions, protective equipment and emergency procedures**

Particular danger of slipping on leaked/spilled product.

Ensure adequate ventilation.

Use respiratory protective device against the effects of fumes/dust/aerosol. · **Environmental precautions:** Do not allow product to reach sewage system or any water course. · **Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Send for recovery or disposal in suitable receptacles.

Do not close them (reaction with water forming carbon dioxide).

Dispose contaminated material as waste according to item 13. ·

Reference to other sections

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7 Handling and storage

· **Handling**

· **Precautions for safe handling** Open and handle receptacle with care ·

Information about protection against explosions and fires: Keep ignition sources away - Do not smoke.

· **Conditions for safe storage, including any incompatibilities** ·

Storage

· **Requirements to be met by storerooms and receptacles:** Store in a cool location. ·

Information about storage in one common storage facility: Not required. · **Further information about storage conditions:**

Keep receptacle tightly sealed.

Protect from humidity and water.

· **Specific end use(s)** No further relevant information available.

GB

(Contd. on page 4)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 21.09.2011

Revision: 21.09.2011

Trade name: Rewmar RP Rapid Primer

(Contd. of page 3)

8 Exposure controls/personal protection

· **Additional information about design of technical systems:** No further data; see item 7. ·

Control parameters

· **Components with limit values that require monitoring at the workplace:**

9016-87-9 diphenylmethanediisocyanate, isomers and homologues

WEL	Short-term value: 0.07 mg/m ³ Long-term value: 0.02 mg/m ³ Sen; as -NCO
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26761-40-0 diisodecyl phthalate

WEL	Long-term value: 5 mg/m ³
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64742-47-8 distillates (petroleum), light

OEL	Short-term value: 1200 mg/m ³ , 165 ppm
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CAS No.	Designation of material	%	Type	Value Unit
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· **Additional Occupational Exposure Limit Values for possible hazards during processing:**

101-68-8 diphenylmethane-4,4'-diisocyanate

WEL	Short-term value: 0.07 mg/m ³ Long-term value: 0.02 mg/m ³ Sen; as -NCO
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· **Additional information:** The lists that were valid during the creation were used as basis.

· Exposure controls

· Personal protective equipment

· General protective and hygienic measures

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Do not inhale gases / fumes / aerosols. Do not eat, drink, smoke while working. ·

Breathing equipment:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

Short term filter device:

Filter AB

· Protection of hands:

Nitrile rubber gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Eye protection:** Tightly sealed goggles.

· **Body protection:** Protective work clothing.

9 Physical and chemical properties

· **Information on basic physical and chemical properties ·**

General Information

· Appearance:

Form: Fluid

Colour: Brown

· Odour: without

· Change in condition

Melting point/Melting range: undetermined

Boiling point/Boiling range: > 190°C

GB

(Contd. on page 5)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 21.09.2011

Revision: 21.09.2011

Trade name: **Rewmar RP Rapid Primer**

(Contd. of page 4)

· Flash point:	> 70°C
· Self-ignition temperature:	> 200°C
· Self igniting:	Product is not selfigniting at room temperature.
· Danger of explosion:	Product is not explosive. However, formation of explosive air/vapour mixtures are possible
· Explosion limits:	
Lower:	0.6 Vol %
Upper:	7 Vol %
· Density at 20°C:	1.12
· Solubility in / Miscibility with Water:	Not miscible or difficult to mix.
· Viscosity:	
dynamic at 20°C:	600 mPa.s
· Other information	No further relevant information available.

- **Reactivity**
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications. ·
- **Possibility of hazardous reactions**
Reacts with alcohols, amines, aqueous acids and alkalis.
Reacts with water forming carbon dioxide. Danger of receptacles bursting because of vapour overpressure.
- **Conditions to avoid** No further relevant information available. · **Incompatible materials:**
No further relevant information available. · **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- **Information on toxicological effects** ·
- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** Irritant to skin and mucous membranes. ·
- **on the eye:** Irritating effect.
- **Sensitization:**
Sensitization possible through inhalation.
Sensitization possible through skin contact. ·
- **Additional toxicological information:**
Persons having a history of asthma or of allergies, chronic or recurring difficulties in breathing, must never use this preparation.

12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available. · **Persistence and degradability** No further relevant information available. · **Behaviour in environmental systems:**
- **Bioaccumulative potential** No further relevant information available. ·
- **Mobility in soil** No further relevant information available.

(Contd. on page 6)

Safety data sheet

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Revision: 21.09.2011

Trade name: **Rewmar RP Rapid Primer**

(Contd. of page 5)

· **Ecotoxicological effects:** ·

Other information:

· **Additional ecological information:** ·

General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water. Do not allow product to reach ground water, water course or sewage system. · **Results of PBT and**

vPvB assessment

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

· **Other adverse effects** No further relevant information available.

13 Disposal considerations

· **Waste treatment methods** ·

Recommendation

Must be disposed of in an incinerator for hazardous waste according to official regulations. ·

Waste disposal key: 08 04 11*

· **Uncleaned packagings:** ·

Recommendation:

Disposal must be made according to official regulations.

The packagings may be decontaminated for example with the following mixture : water + 5 to 10 % sodium carbonate + 0.2 to 1 % liquid detergent. Add this mixture to the residues in the unclosed container in order to allow carbon dioxide to escape. Let react during several days until no reaction occurs.

14 Transport information

· **UN-Number**

· **ADR, ADN, IMDG, IATA** Void

· **UN proper shipping name**

· **ADR, ADN** Void

· **IATA** Not regulated

· **Transport hazard class(es)**

· **ADR, ADN, IMDG, IATA**

· **Class** Void

· **Packing group**

· **ADR, IMDG, IATA** Void

· **Environmental hazards:**

· **Marine pollutant:** No

· **Special precautions for user**

Not applicable.

· **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not applicable.

15 Regulatory information

· **Safety, health and environmental regulations/legislation specific for the substance or mixture**

· **Markings according to EU guidelines:** ·

Advised phrases:

S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S

28 After contact with skin, wash immediately with plenty of soap and water.

Safety data sheet

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Revision: 21.09.2011

Trade name: **Rewmar RP Rapid Primer**

(Contd. of page 6)

· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. This data sheet is particularly in accordance with the european regulations 1907/2006/EC, 1272/2008/EC and its amendments ; it is written according to annex I of the european regulation 453/2010/EC.

· **Relevant phrases**

- R20 Harmful by inhalation.
R36/37/38 Irritating to eyes, respiratory system and skin.
R40 Limited evidence of a carcinogenic effect.
R42/43 May cause sensitisation by inhalation and skin contact.
R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R65 Harmful: may cause lung damage if swallowed.
R66 Repeated exposure may cause skin dryness or cracking.

An asterisk in the margin of a paragraph means amendments in comparison to the former version.

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