

## HEALTH AND SAFETY INFORMATION Ronadeck Fast Grip Seal Coat

### 1. COMPOSITION

Identification of the preparation	Polyurethane resin.			
Chemical Name	CAS No	EEC No	Class	Weight %
TOLUENE-2,4-DI-ISOCYANATE	91-08-7	615-006-00-4T;	R23 Xi;	< 2 R36/37/38 Xn; R42
XYLENE, MIXTURE OF ISOMERS	1330-20-7	601-022-00-9	R10	53 Xn; R20/21 Xi; R38

### 2. HAZARDS IDENTIFICATION

Most important hazards: Flammable. Contains Isocyanates.  
Specific hazards: Harmful by inhalation and in contact with skin. Irritating to skin.  
May cause sensitisation by inhalation.

### 3. FIRST AID MEASURES

General advice: Take off all contaminated clothing immediately. Show this safety data sheet to the doctor in attendance.  
Inhalation: Move to fresh air in case of accidental inhalation of vapours. Obtain medical attention.  
Skin contact: Wash off immediately with plenty of water. Consult a physician if necessary.  
Eye contact: Rinse immediately with plenty of water for at least 15 minutes. Keep eye wide open while rinsing. Obtain medical attention.  
Ingestion: Rinse mouth, (never give anything by mouth to an unconscious person). Call a physician immediately. Keep warm and in a quiet place.

### 4. FIRE FIGHTING MEASURES

Suitable extinguishing media: Dry powder, sand, foam.  
Extinguishing media that must not be used for safety reasons: None. Water may be ineffective.  
Specific hazards: Thermal decomposition can lead to release of irritating gases and vapours.  
Special protective equipment for fire fighters: In the event of fire, wear self-contained breathing

apparatus.

Specific methods: Standard procedure for chemical fires. Cool containers/tanks with water spray.

#### 5. ACCIDENTAL RELEASE MEASURES

Personal precautions: Use personal protective equipment. Keep people away from and upwind of spill/leak.  
Environmental precautions: Do not let product enter drains. Avoid subsoil penetration.  
Methods for cleaning up: Soak up with inert absorbent material. Shovel into suitable container for disposal. After cleaning, flush away traces with water.

#### 6. HANDLING AND STORAGE

Handling: Use only in area provided with appropriate exhaust ventilation.  
Storage: Do not freeze. Store at room temperature in the original container. Keep tightly closed.

#### 7. EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Name:	National occupational exposure limits:
TOLUENE-2,4-DI-ISOCYANATE	MEL (as NCO): 0.02mg/m <sup>3</sup> (8 hour ref. period) 0.07mg/m <sup>3</sup> (15 min. ref period)
XYLENE, MIXTURE OF ISOMERS	OES: 100ppm (8 hour ref. period) 150ppm (15 min. ref. period) Can be absorbed through skin.

Engineering measures to reduce exposure: Ensure adequate ventilation, especially in confined areas.

Personal protection equipment:

Respiratory protection: In case of insufficient ventilation wear suitable respiratory equipment.  
Hand protection: PVC or other plastic material gloves.  
Eye protection: Face-shield.  
Skin and body protection: Chemical resistant apron, protective suit, safety shoes/boots.  
Hygiene measures: Handle in accordance with good industrial hygiene

#### 8. PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Colour:	Colourless
Odour:	of xylene
Flash point:	24.5 – 30°C
Relative density:	(25°C) = 0.99
Water solubility:	immiscible
Viscosity:	(25°C) 200 mPa.s

**9. STABILITY AND REACTIVITY**

Stability: Stable.  
Conditions to avoid: Do not freeze.  
Materials to avoid: Strong oxidizing agents.  
Hazardous decomposition products: None under normal use. Thermal decomposition can lead to release of irritating gases and vapours.

**10. TOXICOLOGICAL INFORMATION**

No information available.

**11. ECOLOGICAL INFORMATION**

No information available.

**12. DISPOSAL CONSIDERATIONS**

Waste from residues/unused products:  
Dispose of as special waste in compliance with local and national regulations.  
Contaminated packaging: Empty containers should be taken for local recycling, recovery or waste disposal.

**13. TRANSPORT INFORMATION**

UN No: 1866	Marine pollutant: No.	
ADR/RID	Class 3	Item: 31°C
	TREM-CARD: 30G35	HI/UN No: 1866
Proper shipping name:	Resin solution	
IMO	Class 3.3	IMDG Page:
	EmS: 3-05	MFAG: 310
Proper shipping name:	Resin solution	
ICAO	Class 3	UN/ID No: 1866
Proper shipping name:	Resin solution.	

**14. REGULATORY INFORMATION**

Classification according to European directive on classification of hazardous preparations 90/492/EEC

Contains: Toluene-2,6-di-isocyanate  
Xylene, mixture of isomers

Symbol(s): Xn – Harmful

R-phrase(s): R10 - Flammable  
R20/21 - Harmful by inhalation and in contact with skin  
R38 - Irritating to skin  
R42 - May cause sensitisation by inhalation

S-phrase(s):  
Contains: Isocyanates. See information supplied by the manufacturer  
S23 - Do not breathe vapours or spray mist  
S24 - Avoid contact with skin

S36/37 - Wear suitable protective clothing and gloves.  
S38 - In case of insufficient ventilation, wear suitable respiratory equipment

<b>15. OTHER INFORMATION</b>
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Revision Comments: This SAFETY DATA SHEET supersedes all safety data sheets with issue dates prior to this one which have been produced and distributed in respect of this product.