

## Section 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product Identifier

**Product name:** RIM 60FR-A  
**Product code:** RIM 60FR-A

### 1.2. Relevant Identified uses of the substance or mixture and uses advised against

**Use of substance:** PC32: Polymer preparations and compounds.

### 1.3. Details of supplier of the safety data sheet

**Company Name:** Ru-bix Tooling Board  
Venus Court  
Hardwick Industrial Estate  
King's Lynn  
Norfolk  
PE30 4HY  
United Kingdom  
**Telephone:** 01485 313 020  
**Email:** [ash.colvin@ru-bix.com](mailto:ash.colvin@ru-bix.com)

### 1.4 Emergency telephone number

**Emergency telephone:** 01485 313 020 (office hours only)

## Section 2: Hazards identification

### 2.1 Classification of a substance or mixture

**Classification under CLP:** Acute Tox. 4: H302; Aquatic Chronic 3: H412; Eye Irrit. 2: H319  
**Most important adverse effects:** Harmful if swallowed. Causes serious eye irritation.

### 2.2. Label elements

**Label elements:**

**Hazard statements:** H302: Harmful if swallowed.  
H319: Causes serious eye irritation.  
H412: Harmful to aquatic life with long lasting effects.  
**Hazard pictograms:** GHS07: Exclamation mark



**Signal words:** Warning  
**Precautionary statements:** P264: Wash hands thoroughly after handling.  
P270: Do not eat, drink or smoke when using this product.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.

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P301+312: IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P330: Rinse mouth.

### 2.3. Other hazards

**PBT:** This product is not identified as a PBT/vPvB substance.

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients:

1,2 ETHANEDIAMINE, POLYMER WITH METHYLOXIRANE – REACH registered number(s): 01-2119471485-32-0000

EINECS	CAS	PBT/WEL	CPL Classification	Percent
500-035-6	25214-63-5	-	Eye Irrit. 2: H319	>20%

GLYCEROL, PROPOXYLATED – REACH registered number(s): 01-2119484612-36

500-044-5	25791-96-2	-	Acute Tox. 4: H302	<10%
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## Section 4: First Aid measures

### 4.1. Description of First Aid measures

**Skin contact:** Wash immediately with plenty of soap and water.

**Eye Contact:** Bathe the eye with running water for 15 minutes.

**Ingestion:** Wash out mouth with water.

Do not induce vomiting.

If conscious, give half a litre of water to drink immediately.

Transfer to hospital as soon as possible.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

### 4.2. Most important symptoms and effects, both acute and delayed

**Skin contact:** There may be mild irritation at the site of contact.

**Eye Contact:** There may be irritation and redness

**Ingestion:** There may be soreness and redness of the mouth and throat.

There may be difficulty swallowing.

Nausea and stomach pain may occur.

There may be vomiting.

**Inhalation:** Absorption through the lungs can occur causing symptoms similar to those of ingestion.

### 4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

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## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used.  
Use water spray to cool containers.

### 5.2. Special hazards arising from the substance or mixture

**Exposure hazards:** In combustion emits toxic fumes.

### 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Wear self-contained breathing apparatus.  
Wear protective clothing to prevent contact with skin and eyes.

## Section 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions:** Refer to section 8 of SDS for personal protection details.  
Mark out the contaminated area with signs and prevent access to unauthorised personnel.  
Turn leaking containers leak-side up to prevent the escape of liquid.

### 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers.  
Contain the spillage using bunding.

### 6.3. Methods and material for containment and cleaning up

**Clean-up procedures:** Absorb into dry earth or sand.  
Transfer to a closable, labelled salvage container for disposal by an appropriate method.

### 6.4. Reference to the other sections

**Refer to the other sections:** Refer to section 8 of SDS.

## Section 7: Handling and storage

### 7.1. Precaution for safe handling

**Handling requirements:** Avoid the formation or spread of mists in the air.  
Avoid direct contact with the substance.

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## 7.2. Conditions for safe storage, including any incompatibilities

**Storage conditions:** Store in a cool, well ventilated area.  
Keep container tightly closed.

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

**Workplace exposure limits:** None

### DNEL/PNEC Values

**Hazardous ingredients:** Contains no substances with occupational exposure limits.

### 8.2. Exposure controls

**Engineering measures:** Ensure there is sufficient ventilation of the area.

**Respiratory protection:** Respiratory protection not required.

**Hand protection:** Protective gloves.

**Eye protection:** Safety glasses. Ensure eye bath is to hand.

**Skin protection:** Protective clothing.

## Section 9: Physical and chemical properties

### 9.1. Information on basic and chemical properties

**State:** Liquid

**Colour:** Off-white

**Odour:** Perceptible odour

**Evaporation rate:** Negligible

**Oxidising:** No data available

**Viscosity:** Non-viscous

**Kinematic viscosity:** >20.5

**Viscosity test method:** Kinematic viscosity in  $10^{-6}$  m<sup>2</sup>/s at 40°C (ISO 3104/3105)

**Flash point °C:** >100

**Relative density:** 1.00 g/cm<sup>3</sup> at 20°C

### 9.2. Other Information

**Other information:** No data available.

## Section 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity:** Stable under recommended transport or storage conditions.

### 10.2. Chemical stability

**Chemical stability:** Stable under normal conditions.

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## 10.3. Possibility of hazardous reactions

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.  
Decomposition may occur on exposure to conditions or materials listed below.

## 10.4. Conditions to avoid

**Conditions to avoid:** Heat.

## 10.5. Incompatible materials

**Materials to avoid:** Strong oxidizing agents and strong acids.

## 10.6. Hazardous decomposition products

**Hazardous decomp. products:** In combustion emits toxic fumes.

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

**Hazardous ingredients:**

#### 1,2 ETHANEDIAME, PROPOXYLATED

DERMAL	RAT	LD50	>2000	mg/kg
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#### GLYCEROL, PROPOXYLATED

DERMAL	RAT	LD50	>2000	mg/kg
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**Relevant hazards for product:**

Hazard	Route	Basis
Acute toxicity (ac. tox. 4)	ING	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated

### 11.2. Symptoms/routes of exposure

**Skin contact:** There may be mild irritation at the site of contact.

**Eye Contact:** There may be irritation and redness.

**Ingestion:** There may be soreness and redness of the mouth and throat.

There may be difficulty swallowing.

Nausea and stomach pain may occur.

There may be vomiting.

**Inhalation:** Absorption through the lungs can occur causing symptoms similar to those of ingestion.

**Delayed/immediate effects:** Immediate effects can be expected after short-term exposure.

## Section 12: Ecological information

### 12.1. Toxicity

**Ecotoxicity values:** No data available.

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## 12.2. Persistence and degradability

**Persistence and degradability:** Biodegradable.

## 12.3. Bioaccumulative potential

**Bioaccumulative potential:** No bioaccumulation potential.

## 12.4. Mobility in soil

**Mobility:** Readily absorbed into soil.

## 12.5. Results of PBT and vPvB assessment

**PBT identification:** This product is not identified as a PBT/vPvB substance.

## 12.6. Other adverse effects

**Other adverse effects:** Negligible ecotoxicity.

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialized disposal company.  
NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

## Section 14: Transport information

### 14.1. Transport class

**Transport class:** This product is classified as 'Non-Dangerous' for ADR, IATA and IMDG Regulations.

## Section 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

**Specific regulations:** Not applicable.

### 15.2. Chemical safety assessment

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

**Prohibition/Restriction:** The product complies with the requirements of REACH. It does not contain any components listed in the Candidate List of Substances of Very High Concern.

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## Section 16: Other information

### 16.1. Other information

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

**Phrases used in s.2 and s.3:** H302: Harmful if swallowed.

H304: May be fatal if swallowed and enters airways.

H319: Causes serious eye irritation.

H411: Toxic to aquatic life with long lasting effects.

H412: Harmful to aquatic life with long lasting effects.

**Legal disclaimer:** Recommendations and technical information are provided in good faith, based on current knowledge and experience.

However, due to variations in storage conditions, storage period, substrates and site conditions, no warranty in respect of fitness for purpose can be inferred from this information.

The user must test the product's suitability for the intended application.

Ru-bix Tooling Board is happy to provide free-issue samples for this purpose.

All orders are accepted subject to our current terms of sale, a copy of which can be obtained from the Ru-bix office.