

# MATERIAL SAFETY DATA SHEET (MSDS)

**POLYROK®**

Version No 1 | Date: 29th September 2021

## STATEMENT OF HAZARDOUS NATURE

This material is NON HAZARDOUS

According to criteria of NOHSC (WORKSAFE) AUSTRALIA

## 1. IDENTIFICATION OF THE SUBSTANCE / PREPERATION & THE COMPANY UNDERTAKING

This MSDS covers the following products.

- Product Name: Polyrok®
- Description: Non-hazardous recycled composite thermoplastic material
- Primary use: Aggregate replacement in concrete and composite structures
- Appearance: 4-8mm granule, grey in colour
- Specific Density: 0.82kg/L
- Bulk Density: 0.50kg/L

## 2. COMPANY DETAILS

REPEAT PLASTICS AUSTRALIA PTY LTD

ABN: 86 096 146 342

ADDRESS: 50 Elsworth St, East Ballarat Victoria 3350

TELEPHONE: 03 5333 2883

FAX: 03 53 334 303

EMERGENCY TELEPHONE: 03 5333 2883

POISONS INFORMATION CENTRE: 13 11 26 (24hrs)

## 3. HAZARDS IDENTIFICATION

This material is Non Hazardous according to criteria of NOHSC (WORKSAFE) AUSTRALIA

For components which are not hazardous, CAS Numbers are not issued.

MSDS: Repeat Plastics Australia Non-Hazardous Polyrok® Material.

#### 4. COMPOSITION / INGREDIENT INFORMATION

Primary Use: Aggregate replacement in concrete and composite structures

Chemical Entity	CAS No	Proportion
Co-polymer of Ethylene	26221-73-8	< 50%
Polypropylene	9003-07-0	> 50%

Encapsulated dispersion of organic and / or in-organic pigments, fillers and additives.

#### 5. FIRST AID MEASURES

General Information: At room temperature the product is neither an irritant nor gives off

Hazardous vapours. The measures given below apply only to critical situations. (Fire, smoke etc)

Swallowed: Rinse mouth thoroughly with water. Seek medical attention if effect persists.

Eye: Wash out immediately with running water for fifteen minutes, eye lid to be held open. If effect persists seek medical attention.

Skin: Wash off with plenty of warm, soapy water. Do not use organic solvents. If effect persists seek medical advice.

Inhaled: Remove to fresh air, rest until recovered and keep warm. Consult Occupational Health Physician if effect persists.

Ingestion: Adverse health effects due to ingestion are not anticipated.

Advice to Doctor: TREAT SYMPTOMATICALLY

#### 6. FIRE FIGHTING MEASURES

Specific Hazards: NOT APPLICABLE

Fire Fighting Advice: Fire / Explosion Hazard: all beware of combustible gases that will be Generated.

Extinguishing Medium: Water fog/spray, dry chemical, and carbon dioxide.

BREATHING APPARATUS TO BE WORN IN FIRE SITUATION

#### 7. ACCIDENTAL RELEASE MEASURES

Personal Protection: Wear gloves if appropriate

Clean up Spills / Leaks: Not appropriate (SOLID MATERIAL)

Land Fill Conditions: Suitable Landfill. (RECYCLE IS PREFERRED)

MSDS: Repeat Plastics Australia Non-Hazardous Polyrok® Material

## 8. HANDLING & STORAGE

Storage: Store in area away from ignition sources.

## 9. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standard: TWA (Work Safe / ACGIH): Not Assigned

STEL (Work Safe / ACGIH): Not Assigned.

Engineering Controls: Ventilation: Provide appropriate exhaust ventilation if dust is generated.

Personal Protection: Skin: Wear Gloves.

Eyes: Wear Safety Glasses.

Inhalation: Wear dust protection if dust is generated.

## 10. PHYSICAL & CHEMICAL PROPERTIES

Chemical Type: Additives in polymer matrix

Decomposition Point: > 350 C

Boiling Point: Not Applicable.

Melting Point: > 190 C

Vapour Pressure: Not Applicable.

Specific Gravity: 0.75 – 0.95

Flash point: Not determined.

Flammability Limits: Not Known.

Solubility in Water NIL

Hazardous Ingredients: Not Applicable.

## 11. STABILITY AND REACTIVITY

Stability: Stable

Explosion Hazard: Not Applicable.

Hazardous Decomposition Products: Not Applicable.

Incompatible Substances: Not Applicable.

## 12. TOXICOLOGICAL INFORMATION

Acute

Swallowed: Obstruction may cause choking.

Eye: Mechanical damage only

Skin: Not Probable. (Encapsulated Ingredients.)

Inhaled: Not Relevant. (Solid Form)

Chronic: No information available for the product.

## 13. ECOLOGICAL INFORMATION

No data available, but due to very low solubility of the products in water, no adverse effects are Foreseen.

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#### 14. DISPOSAL CONSIDERATIONS

Refer to State Land Waste Management Authorities.

ALL THESE MATERIALS / PRODUCTS ARE RECYCLABLE

#### 15. TRANSPORT INFORMATION

Not classified as Dangerous Goods by criteria of the Australian Dangerous Goods Code (ADG code) for Road or Rail.

Correct Shipping Code: Not Listed

U.N. Number: Not Listed

Dangerous Goods Class

And subsidiary risk: Not Applicable.

HasChem Code: Not Allocated

Poisons Schedule: Not Applicable.

Packing Group: Not Applicable.

Note: If in doubt, contact Repeat Plastics Australia. Ph. 1800 737 527

#### 16. REGULATORY INFORMATION

Non Hazardous according to the criteria of NOHSC (Work Safe ) Australia.

#### 17. OTHER INFORMATION

FOR EMERGENCY CONTACT OUT OF BUSINESS HOURS TELEPHONE THE  
POISON INFORMATION CENTRE on 13 11 26

Follow good working practices, handle with care, avoid ingestion and dust inhalation.

Since we cannot anticipate or control the varied conditions under which this information and our products may be used, each user should review these recommendations in the specific context of the intended application and confirm that they are appropriate.

This version is authorised by: Russell Muller.

REPEAT PLASTICS AUSTRALIA PTY LTD

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BALLARAT

VICTORIA

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TELEPHONE 1800 737 527

END OF M.S.D.S. 29 SEPTEMBER 2021

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