

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION

Product Name:	RLPP 721 Orange
Intended Use:	Raw material for rotolining of metallic vessels, valve bodies and pipes.
Manufacturer:	Polymerit Asia Co., Ltd. 858 Moo 2, Soi 1C/1 Bangpu Industrial Estate Bangpumai, Muang Samutprakarn, Samutprakarn 10280, Thailand Ph +66 2 323 2601 to 08 Fax +66 2 323 2227 to 8 Email: rach@saleecolour.com
Supplier:	PSD Rotoworx Pty Ltd PO Box 838 Wahroonga NSW 2076 Mob: +61 412 688882 Email: thumphreys@psdrotoworx.com

2. HAZARDS

The product is not classified as hazardous.

Inhalation of dust may irritate the respiratory tract. Spilled pellets or powder may be a slipping hazard.

3. COMPOSITION

This product is a polypropylene, ethylene copolymer. Contains no substance classified as hazardous. The product range includes compounds pigmented orange and a non pigmented version that is UV stabilised.

4. FIRST AID MEASURES

Swallowed:

Not probable. Seek medical advice

Eye:

Flush with plenty of water for at least 15 minutes. Seek medical attention.

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Skin:

Molten plastic causes severe thermal burns. Cool rapidly with water and seek medical attention. Do not pull off the skin.

In case of contact with condensed processing fumes, immediately flush the area with plenty of water. Remove contaminated clothing before reuse. Get medical attention if irritation persists.

Inhaled:

If fumes are inhaled, remove person to fresh air. If breathing difficult get medical attention.

First Aid Facilities:

Provide eye baths and safety showers close to areas where there is significant potential for eye and skin contact.

5. FIRE FIGHTING MEASURES

Use water, foam or dry chemicals to extinguish the fire. Product will burn under fire conditions,

Firefighters and others who may be exposed to products of combustion should wear self-contained breathing apparatus. Equipment should be thoroughly decontaminated after use.

Hazardous Decomposition Products:

There are no significant decomposition products occurring in the product below about 270°C (520°F) Decomposition product at greater than about 300°C (570°F) is principally carbon monoxide.

6. ACCIDENTAL RELEASE MEASURES.

No flames, No sparks. Eliminate all sources of ignition. In case of spill suck or sweep up material to prevent slipping accidents.

Heating and processing the product above 350°C (660°F) should be avoided. Overheating the plastic may occur due to excessively-high oven temperatures. Under such conditions the thermal emissions and heat-degradation products might, without proper ventilation, reach hazardous concentrations in the converting area (see "Hazardous Decomposition Products" section).

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Fumes or vapours emitted from the hot melted plastic during converting operations may condense on cool overhead metal surfaces or exhaust ducts. That condensate, usually in the form of a soft grease like semi-solid, may contain substances which are irritating or toxic. Avoid contact of that material with the skin. Wear rubber or other impermeable protective gloves when cleaning contaminated areas.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Description/Properties	
Appearance	Pellet /Powder
Boiling Point:	Not applicable
Melting Point:	160 – 170°C (320°F -338 °F)
Vapour Pressure:	Not applicable
Specific Gravity:	.91
Flash Point:	>316°C (>600 °F)
Flammability Limits:	Not applicable
Solubility in Water:	Insoluble

Other Properties	
Odour:	Odourless
Softening Point:	approx 128°C (260 °F) Method: ASTM 1525
Flash Ignition Temperature:	N/A Method: ASTM-1929(B)
Auto Ignition Temperature:	N/A Method: ASTM-1929(B)
Percent Volatiles	Less than 1%

10. STABILITY AND REACTIVITY

The product is a stable thermoplastic. There is no chemical reactivity. On combustion, fumes containing oxides of carbon will be released.

11. TOXICOLOGICAL INFORMATION.

Chronic:

This product (or component) is not listed in IARC Monographs, the NTP Sixth Annual Report or the ACGIH TLVs as a carcinogen or potential carcinogen. It is not regulated by OSHA as a carcinogen.

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12. ECOLOGICAL INFORMATION

The product is not classified as being hazardous to the environment..

13. DISPOSAL

Spillages on hard surfaces present a slip hazard. Sweep or vacuum up promptly.

The granules may cause sewer and waterway obstruction; fish may eat pellets and obstruct their digestive tracts. Prevent exit to sewer and waterways. Remove sources of ignition. Collect material into containers.

Recycle, incinerate or landfill as per local, state and federal regulations.

14. TRANSPORT

Not classified as a Dangerous Good (see "Identification" section).
Store in a cool dry area.

15. REGULATORY INFORMATION

Not applicable

16. OTHER INFORMATION

The information contained herein is based on current knowledge, documents and data available; no responsibility is accepted that the information is sufficient or correct in all cases. Users should consider this data only as a supplement to other information. Users should make independent determinations of suitability and completeness of information from all sources to assure proper use and disposal of these materials, the safety and health of employees and customers, and the protection of the environment.