

MATERIAL SAFETY DATA SHEET

(23Ltr. Rectangular Bucket Set)



Section 1. MATERIAL IDENTIFICATION

Product Name : 1. 23 Liter Rectangular Bucket set with Handle.
2. Red/Grey Roller Set Fitted with powder coated MS Nut & Bolt.
3. Grid.
4. Wheel Guard Assembly.

Use of product : Suitable for storage & transportation of construction material, food products & chemicals.

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SECTION 2. COMPOSITION/INFORMATION ON INGRIDIENT

Bucket – CP Repol MI3530

Red/Grey Roller Set Fitted with powder coated MS Nut & Bolt – PP Repol H110MA

Grid – PP Repol H110MA

Wheel Guard Assembly – Wheel Guard (Nylon), Wheel (ABS) & Pin (zinc coated)

Handle – PP Repol H110MA

Roller cap – PP Repol H110MA

SECTION 3. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

Eye contact :There is no possibility of eye contact.

Skin contact :Negligible hazard at ambient temperature (-18°C to 50°C; 0°F to 100°F) but exposure to hot material may cause thermal burns.

Inhalation :Negligible hazards at ambient temperature (-18°C to 50°C; 0°F to 100°F) but vapour that are formed at elevated temperature may be irritating to eyes and respiratory tract.

Ingestion :Ingestion of this product is unlikely. There are no known health effects due to ingestion.

SECTION 4 . FIRST AIDS MEASURES

Inhalation :Not applicable.

Skin contact :There is no known hazard health effect with skin contact.

Eyes contact :There is no possibility of eye contact.

Ingestion :Ingestion of this product is unlikely. There are no known health effects due to ingestion.

SECTION 5. FIRE FIGHTING MEASURES

Flash ignition temperature - 345°C	LEL	NA
Auto ignition temperature - 360°C	UEL	NA
Flammable limits		NA
Extinguisher media	Water, Dry chemical, CO ₂ , Foam	

Special firefighting procedure :Material used are combustible – molten polypropylene tends to flow or drip and will propagate fire. Respiratory and eye protection is required for firefighting personnel.

Unusual fire and explosion hazards: Failure of malfunction of temperature control system on processing equipment such as extruder may create explosion hazard.

SECTION 6. ACCIDENTAL RELEASE MEASURES

There is rare possibility of accident with bucket.

SECTION 7. HANDELING & STORAGE

Storage Temperature, °C : Ambient

Loading / Unloading Temperature, °C : Ambient

Storage / transport pressure, mm Hg : Atmospheric

Loading / Unloading Viscosity cSt : Solid

Store in cool, well ventilated place away from incompatible material. Do not handle or store near an open flame, heat or other source of ignition. Protect material from direct sunlight. Material will accumulate charges that may cause an electric spark (ignition source). Use proper grounding procedures.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection (Specify type): None		
ventilation	Local Exhaust Recommended for high temperature processing	Special --
	Mechanical (General)	Other --

Protective Gloves: Use gloves when handling hot melt

Eye Protection: Use goggles when handling hot melt

Other Protective Equipment: Long sleeve shirt & long cotton pants to protect skin contact with hot melt

SECTION 9 . PHYSICAL & CHEMICAL PROPERTIES

Property	Test Method	Unit	Typical Value
Tensile strength at yield	ASTM D 638	MPa	26
Elongation at yield	ASTM D 638	%	12
Flexural modulus	ASTM D 790A	MPa	1150
Notched Izod impact strength	ASTM D 256	J/m	115
Hardness	-	ShD	45
Visual observation	Free of Shrink, undulation, scratch, pin hole, air entrapment, sharp edges & foreign particles etc.		

SECTION 10. REACTIVITY AND STABILITY

Stability	Stable at ambient temp.
Incompatibility (Material to avoid):	Strong oxidant at high temperature
Hazardous decomposition product:	CO, CO ₂ , Hydrocarbons, Smoke, Acrolein
Hazardous polymerization	Will not occur at ambient temp.

SECTION 11. TOXICOLOGICAL INFORMATION

Please refer section 3 for available information on potential health effects

SECTION 12. ECHOLOGICAL INFORMATION

No specific ecological data available for this product. Please refer section 6 for information regarding accidental releases and section 15 for regulatory information.

SECTION 13. DISPOSAL CONSIDERATIONS

Waste disposal method: Recyclable, otherwise follow local rules & regulations.

SECTION 14. TRANSPORT INFORMATION

Not applicable, this product is not transport regulated.

SECTION 15. REGULATORY INFORMATION

The bucket meets the requirement stipulated in IS 10910 on, Specification for polypropylene and its copolymers for industrial construction & domestic products handling purpose.

Additives incorporated in this grade conform to the positive list of constituents as prescribed in IS 10909.

The product and the additives incorporated in it also comply with the FDA: CFR Title 21, 177.1520 Olefin polymer

SECTION 16. OTHER INFORMATION

General information : The information in this safety data sheet is based on the knowledge and experience available today with us. The safety data sheet describes the products with regard to safety aspects. EVNE makes no warranty as to the absolute correctness or sufficiency of any of the foregoing or that additional or other measures may not be required under particular conditions.