



**MATERIAL SAFETY DATA SHEET FORM (MSDS)
for Polypropylene (PP) products of
Legoplast Plastic Manufacturing L.L.C**

**Revision date:
24.12.2024
Issue: 2.0**

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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product Name:

- Plastic Rebar Spacer (Cover Block) Type 1, manufacturer reference code 01-25/30/35/40
- Plastic Rebar Spacer (Cover Block) Type 2, manufacturer reference code 02-40/50/60/75
- 12mm Clip-on Spacer (plastic), manufacturer reference code 12AHD
- 16mm Clip-on Spacer (plastic), manufacturer reference code 16AHD
- 20mm Clip-on Spacer (plastic), manufacturer reference code 20AHD
- 25mm Clip-on Spacer (plastic), manufacturer reference code 25AHD
- 30mm Clip-on Spacer (plastic), manufacturer reference code 30AHD
- 40mm Clip-on Spacer (plastic), manufacturer reference code 40AHD
- 50mm Clip-on Spacer (plastic), manufacturer reference code 50AHD
- 60mm Clip-on Spacer (plastic), manufacturer reference code 60AHD
- 75mm Clip-on Spacer (plastic), manufacturer reference code 75AHD
- 75mm Open Pile Cage Spacer (plastic), manufacturer reference code OPS75
- 75mm Closed Pile Cage Spacer (plastic), manufacturer reference code CPS75

Substance Name : Polypropylene
Chemical Name : Polypropylene homopolymer
CAS No. : 9003-07-0

1.2. Usage Area of the Material

Support to reinforcement rebars in concrete construction of slabs, columns, foundations, panels, bars, joists, beams, girders.

1.3. Details of the supplier of the safety data sheet

Company Name : Legoplast Plastic Manufacturing L.L.C
Address : P.O.Box 566481, 68 Street, warehouse S02 near building 27,
Jabal Ali Industrial First, Dubai, United Arab Emirates
Phone Number : +971 4 447 1156
E-mail : sales@legoplast.ae

1.4. Emergency telephone number

Emergency contact : +971 4 447 1156

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008: Not a hazardous substance.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008: Not a hazardous substance.

2.3 Other hazards

This substance contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Endocrine disrupting properties

Environment: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Human Health: The substance does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 3: Information about the Chemical Compound (information on ingredients)

Component	CAS No	EC No	Danger Sign	Danger Indications
Polypropylene	9003-07-0	-	No	No any danger

SECTION 4: First Aid Measures

4.1. Description of first aid measures

<p>Skin Contact: If molten material contacts the skin, immediately flush with large amounts of water to cool the affected tissue and polymer. Do not pull solidified material away from the skin. Seek medical attention.</p> <p>Eye Contact: Flush eyes with water for several minutes, if irritation persists get medical attention.</p> <p>Ingestion: In case of excessive inhalation of fumes, move the person to fresh air. Call for medical attention.</p> <p>Swallowing: Do not regurgitate. Wash and rinse the mouth with water. Call the doctor if necessary.</p>
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4.2. Most important symptoms and effects, both acute and delayed

Symptoms: Inhalation of process fumes and vapors may cause soreness in the nose and throat and coughing.
Risks: Dust contact with the eyes can lead to mechanical irritation. Molten polymer may cause thermal burns.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Appropriate Extinguishers: Use foam, carbon dioxide or dry agent on fire.
Unsuitable extinguishing media: Do not use water jet.
Special Equipment to be Used: Air mask.
Additional Information: It shall be kept away from fire or other inflammables.

5.2. Special hazards arising from the substance or mixture

Fire Hazard:

Combustible material burns when in contact with a flame. Material can burn with high smoke density. Various levels of toxic gases can be generated during burning.

Hazardous decomposition products in case of fire:

Water, carbon dioxide, and when lack of oxygen, carbon monoxide.

5.3. Advice for firefighters

Special protective equipment for firefighters: Wear self-contained breathing apparatus and protective suit.

SECTION 6: Accidental release (Spreading) measures

Personnel Measures: Not necessary.
Waste Management: Can be disposed of in conformity with the local regulations.

SECTION 7: Handling and storage

Handling: Shall necessarily not be eaten.
Storing: Shall be stored indoors and in dry environment. Shall be kept away from inflammables, dust or foreign matters.
Packing Recommendation: Can be packed in carton bags, polyethylene and laminate PP bags.

SECTION 8: Exposure Controls / Personal Protection

Personal Protective Outfit: Does not require the use of any protective outfit.

SECTION 9: Physical and Chemical Properties

General Information:
Physical State: Solid
Color: Black
Scent: Nearly Odorless
Melting Point: 140-170 °C
Flammability: Polymer will burn but does not easily ignite.
Auto Ignition Temperature: > 350 °C
Water solubility: Insoluble in water.



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Oil solubility: Insoluble in oil.
Explosive Properties: No data available
Oxidizing Properties: Not considered an oxidizing agent.
Evaporation rate: Not applicable

SECTION 10: Stability and reactivity

Reactivity: No dangerous reactions known. No hazardous decomposition products known at room temperature
Chemical stability: The product is a stable thermoplastic material when handled and stored under normal conditions
Possibility of hazardous reactions: Hazardous reaction will not occur
Conditions to avoid: None under recommended storage and handling conditions (see section 7).

SECTION 11: Toxicological information

Acute Toxicology: Non-toxic.

SECTION 12: Ecological information

This product has no ecologic harm.

SECTION 13: Disposal considerations

All recovered material should be packaged, labeled, transported and disposed of or reclaimed in conformance with applicable laws and regulations and in conformance with good engineering practices. Reclaim where possible. Recycle if possible.

SECTION 14: Transportation Information

The product is classified as not dangerous according to transportation regulations.

SECTION 15: Legislation Information

Security Codes: S2: Keep away from the reach of children.
S26 : Wash with plenty of water in case of contact with eyes.
S46 : Consult a doctor if swallowed, show the container or label.

SECTION 16: Other Information

The information given in this safety information form was written in parallel with our available knowledge and experience. This safety information form was issued as a user, safety, handling, storing and transportation manual and it gives no guarantee regarding the results to be observed as a result of the practices. The vendor undertakes no legal liability regarding the usage of the product. The users shall use the products within the framework of the laws and shall undertake liability. Usage information is only about the product explained. Using those information or explanations for any other product can bear undesirable results.



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