

SAFETY DATA SHEET

1. PRODUCT IDENTIFICATION

Trade name: MAPLON Sheets & Rolls

Code name: AF, OA, OA1, SA, PA, DB, AC, AD, HK, DH, DD, NA,UPC

Supplier: MAPAL Plastics Ltd.

Kibutz Mevo Hamma 12934, Israel

Emergency phone No. : + 972-4-6764555 Fax No. : + 972-4-6764563

2. HAZARDS IDENTIFICATION

Information pertaining to particular dangers for man and environment	The molten product adheres to the skin and causes burns.
Classification & Labelling	This product is not classified as hazardous according to EC regulations 1907/2006/EC and following amendments.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Blend of polypropylene and polyethylene polymers
Chemical Formula	$(C_3H_6)_n / (C_2H_4)_n$
CAS No. Designation	9003-07-0/9002-88-4
Description	Mixture of polypropylene and polyethylene with harmless additives

4. FIRST AID MEASURES

Eyes:	Solid sheets, not applicable. See section 8.
Skin contact:	Solid sheets, not applicable. See section 8.
Ingestion:	Solid sheets, not applicable. See section 8.
Inhalation:	Solid sheets, not applicable. See section 8.

5. FIRE FIGHTING MEASURES

Suitable extinguishing agents: CO₂, foam, dry chemical and water spray.

Unsuitable extinguishing agents: Water jet

Specific Hazards caused by the material, its products of combustion or resulting gases: In case of fire it can release: Water, carbon dioxide and when lacking oxygen carbon monoxide. The products of the burning are dangerous. The formation of hydrocarbons and aldehydes are possible in the initial stages of a fire (especially in between 400°C and 700°C).

Protective equipment for fire fighter: Put on breathing apparatus. Full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: No specific measures are necessary.

Measures for environmental protection: No special measures required. The material is fully recyclable.

Measures for cleaning up: Sweep up waste and place in suitable container for reuse or disposal. Consult an expert on disposal of recovered sheets to ensure conformity to local disposal regulation.

7. HANDLING AND STORAGE

Handling: Never transport unwrapped pallet. Sheets are slippery and pallet may slip. Collect spilled sheet and avoid stepping on them. (See DISPOSAL INFORMATION).

Storage: Do not store near heat source, flame or at direct sunlight. See also section 10.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Components with limit values that require monitoring at the workplace: Not required

Personal protection equipment: Not required

Eye protection: Cold sheet - not necessary. Please pay attention to avoid injury from sharp areas.
Skin and body protection: Cold sheet - not necessary. Please pay attention to avoid injury from sharp areas.
Hand protection: Use insulation gloves with hot sheets.
Hygiene measures: Wash hands after handling. Do not smoke when using the material.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Solid plastic	Odor & Appearance: Plastic sheet, no odor.
Density at 20°C: ~910 kg/m ³	Softening Point: > 80°C
Flash Point: N/A	Melting Point: At atmospheric pressure, 140-170°C
Ignition temp.: >400°C	Decomposition temp.: >300°C
Solubility in water: None	Danger of explosion: Product is not explosive

10. STABILITY AND REACTIVITY

Stability: The product is stable at normal handling and storage conditions
Conditions to avoid: Temperature over 300° C
Material to avoid: Strong acids, bases and oxidizing agents.
Dangerous decomposition products: At room temperature no hazardous decomposition

11. TOXICOLOGICAL INFORMATION

Acute toxicity:	Biologically inert
Primary irritant on the eye, skin and inhalation	None.

Sensitization	No sensitization effect known.
Additional toxicological information	The product does not have harmful effect according to our experience and information provided to us.

12. ECOLOGICAL INFORMATION

Ecotoxicity effects: This product has no known eco-toxicological effects.

Other information: This product is not biodegradable.

13. DISPOSAL INFORMATION

Product: The product can be recycled.

Waste disposal: Disposal must be done in accordance to local state and federal regulations.

14. TRANSPORT INFORMATION

Transport : The product is not dangerous and is not restricted by transport regulations.

15. REGULATORY INFORMATION:

EC regulations: This product is not subject to classification according to EC lists and other sources of literature known to us.

16. OTHER INFORMATION

Further information: Issued in accordance with Article 31 of Regulation (EC) No 1907/2006 and following amendments.

This publication provides information and guidelines for safe handling and processing of MAPLON Types and is based on currently available experience and knowledge. It is not designed as a comprehensive product performance data sheet, or as a guide to application possibilities of our materials.

Users should follow all applicable local regulations governing Health and Safety at work, and are requested to release and inform all relevant employees and customers, of this publication.

The information presented herein is indicative and based on the present level of knowledge and experience.

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