



Material Safety Data Sheet PROPILVEN Polypropylene

Date: July, 2001

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: PROPILVEN

PROPILVEN PLANT: El Tablazo, Estado Zulia, Venezuela.

Telephone: (58)(0261) 7905908 (in case of emergency)

(58)(0261) 7905953 (Information)

2. COMPOSITION/INFORMATION ON INGREDIENTS

Propylene polymers CAS-Reg N° 9003-07-0

	PEL (OSHA)	TLV (ACGIH)
	1)	2)
1)	Particulates (Not otherwise classified) 15 mg/m ³ , 8 Hr. TWA, total dust 5 mg/m ³ , 8 Hr. TWA, respirable dust	
2)	Particulates (Not otherwise classified) 10 mg/m ³ , 8 Hr. TWA, inhalable 3 mg/m ³ , 8 Hr. TWA, respirable	

3. HAZARDS IDENTIFICATION

Emergency Overview

Odorless, milk-white pellets

Can burn in a fire

Slippery, can cause falls if walked on.

Powdered material may form explosive dust-air mixture.

Potential Health Effects



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Route(s) of Entry:

Inhalation:

Exposure to small amount of dust is not expected to present a hazard. At processing high temperature, fumes irritating to the eyes, nose and throat may be produced.

Ingestion:

The material is believed to present very little hazard, if swallowed.

Skin Contact:

Not irritating. Rubbing may cause irritation similar to sand or dust.

Molten polymer contacting the skin will cause thermal burns.

Eye Contact:

Solid or dust may cause irritation or scratch the surface of the eye. Contact with processing vapors may cause eye irritation.

Carcinogenicity

NTP: Not listed

IARC: Not listed

OSHA: Not regulated

Medical Conditions Aggravated by Exposure:

No information found.



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4. FIRST AID MEASURES

Inhalation:

No adverse effects believed by breathing a small amount of dust during proper industrial handling.

If exposed to fumes from over heating or combustion, move to fresh air. Consult a physician if symptoms persist.

Eye Contact:

Immediately flush with water for at least 5 minutes.

Consult a physician if symptoms persist.

Skin Contact:

Wash off in flowing water or shower.

If molten polymer gets on skin, cool rapidly with cold water. Do not attempt to peel polymer from skin. Get medical treatment for thermal burn.

Ingestion:

No adverse effect believed by swallowing a small amount.

Consult physician if necessary.

5. FIRE FIGHTING MEASURES

Flash Point: 316° C (600 F) or higher

Autoignition Temperature: Not available

Flammable Limits: Not applicable

Extinguishing Media: Water fog, dry chemical,
Foam, CO₂

The material does not ignite easily, however; when burned without sufficient oxygen, emits dense smoke.



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Fine dust dispersed in air in sufficient concentrations and in the presence of an ignition source, is a potential dust explosion hazard.

Fire-fighting Equipment

Wear full bunker gear including a positive pressure self-contained breathing apparatus in any closed space.

6. ACCIDENTAL RELEASE MEASURES

Vacuum or sweep material and place in a disposal container.

7. HANDLING AND STORAGE

Avoid skin and eye contact and avoid breathing dust.

Ground and bond containers when transferring material to prevent dust explosion.

Store in a cool, well ventilated place away from incompatible materials.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:

The use of local exhaust ventilations is recommended to control processing emissions near the source.

Respiratory Protection:

For most conditions, no respiratory protection should be needed; however, in dusty atmospheres, use an approved dust respirator.

Protective Clothing:

Wear protective gloves to prevent skin contact.

If there is potential contact with hot/molten material wear heat resistant



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clothing and footwear.

Eye Protection:

Use safety glasses.

Other Protective Devices

Safety shower and eye wash station near work area.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point::	Not applicable
Melting Point:	>107°C (225 F)
Specific Gravity:	0.91
Solubility in water:	Negligible
Appearance:	Milk-white pellets
Odor:	No odor

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions

Incompatibilities: Oxidizing materials

Hazardous Decomposition Products: CO, CO₂, in a fire.

Hazardous Polymerization: Will not occur

11. TOXICOLOGICAL INFORMATION

No specific data are available



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12. ECOLOGICAL INFORMATION

No specific data available.

Toxicity is expected to be low based on negligible water solubility of polymer.

Avoid dumping or releasing in oceans or water areas to prevent possible intake by marine organisms and birds.

13. DISPOSAL CONSIDERATIONS

Preferred options for disposal are (1) recycling, (2) incineration with energy recovery, and (3) landfill. The high fuel value of this product makes option (2) very desirable for material that cannot be recycled. Any disposal practice must be in compliance with local, state, and federal laws and regulations.

14. TRANSPORTATION INFORMATION

D.O.T. Hazard Class: Not a Hazardous Material for DOT Shipping.

U.N. Number: None

15. REGULATORY INFORMATION:

OSHA Status:

This product is not hazardous under the criteria of Federal OSHA Hazard Communication Standard 29 CFR 1910.1200.

TSCA Status:

The ingredients of this product are all on the TSCA Inventory list.



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To the best of our knowledge, the information contained herein is accurate. However, we cannot assume any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.

Most Propilven grades can be used in food contact applications in compliance with FDA regulation 21 CFR 177.1520 (c) . For details contact your Propilven representative: ***polipropileno@propilven.com***