MATERIAL SAFETY DATA SHEET

Name:	Polypropylene	Date Printed:	13-Jan-2010
MSDS Number:	761300	Date Revision:	4-Jan-2010

MATERIAL IDENTIFICATION

Name:	Polypropylene (Low and High melt)
Code:	101112

COMPANY IDENTIFICATION

Distributor / Manufacturer:	Nexcycle Plastics Inc. 235 Wilkinson Road Brampton, Ontario L6T 4M2		
Product Information Phone:	905-454-2666	or	1-800-463-6169
Transportation Emergency:	905-454-2666	or	1-800-463-6169
Medical Emergency:	905-454-2666	or	1-800-463-6169

COMPOSITION / INGREDIENTS

Components	CAS Number	%
Ethylene-Propylene	9010-79-1	> 98
Titanium Dioxide*	13463-67-7	< 2
Carbon Black**	1333-86-4	< 2

* Titanium Dioxide present only in white material.
** Carbon Black present in black material.

PHYSICAL DATA

Boiling Point:	N/A
Vapor Pressure:	N/A
Vapor Density:	N/A
Solubility in Water:	Negligible
Percent Volatile:	Negligible

NDA - No Data Available N/A - Non Applicable

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Evaporation Rate:	N/A
Melting Point:	120-170 °C
Appearance:	Solid pellets (white, translucent, black, or mixed colors)
Odor:	None

FIRE AND EXPLOSION HAZARD DATA

Flash Point:	N/A
LFL:	N/A
UFL:	N/A

Extinguishing Media: Dry chemical, CO2, foam, water, and Halon.

Fire & Explosion Hazards: Fire may produce irritating gases and dense smoke.

Fire Fighting Instructions: Avoid inhalation of vapors. Wear self-contained breathing apparatus (SCBA) when fire fighting in confined areas.

REACTIVITY DATA

Stability: Stable.

Incompatibility: None.

Hazardous Polymerization: Not applicable.

Hazardous Decomposition Products: Carbon dioxide, carbon monoxide.

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DISPOSAL INFORMATION

Spills or Leaks: Pellets on the floor could present a serious slipping problem. Good housekeeping must be maintained at all times to avoid this hazard. Sweep, shovel, or vacuum materials into clean containers.

Waste Disposal: Transfer to an approved disposal area in accordance with federal, state and local regulations.

HEALTH HAZARD DATA

Threshold Limit Value:

Not a known carcinogen
NTP: No
IARC: No
OSHA: No
WHMIS: Not WHMIS controlled

Eye: Vapors may be formed when the polymer is processed at high temperatures. These vapors may be irritating to the eye.

Skin: Skin contact with molten or heated polymer can cause serious burns.

Ingestion: N/A

Inhalation: Negligible hazard at room temperature. Irritating vapors to respiratory system may form when polymer is processed at high temperatures.

FIRST AID

Eyes: Flush affected area with water.

Skin: For serious burns, get medical attentions. In case of skin contact with hot polymer, immediately immerse in or flush with clean, cold water.

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Ingestion: N/A

Inhalation: If respiratory discomfort or irritation occur, remove the person to fresh air.

STORAGE AND HANDLING

The handling of pellets may cause the formation of a dust. Take necessary precautions for protection of personnel.

Eye/Face Protection: Please wears safety glasses.

Skin Protection: If the material is used at elevated temperatures, direct skin contact can be minimized by wearing protective clothing. Gloves are required when handling hot material.

Respiratory Protection: Use of NIOSH approved respirators recommended when handling hot material.

Ventilation: Ventilate as needed when handling hot material.

ADDITIONAL INFORMATION

The above information is based on supplier data, which we believe to be accurate and correct. The information is furnished upon the condition that the receiver makes his own determination as to the suitability of the material to his particular purpose. Nu-Plast does not assume any responsibility for the use of the above results since the information may be applied to conditions beyond our control or to which we are unfamiliar. We disclaim all warranties of every kind and nature, expressed or implied, including the warranties of merchantability and fitness for a particular purpose.