Material Safety Data Sheet

Identity:

Non-Reinforced Plastic Lumber

Chemical Description:

Foamed, colored, recycled polyolefin material.

Section 1:

Product Manufacturer:

Polly Products, LLC
12 N Charlotte St.
P.O. Box 46
Mulliken, MI 48861

Telephone Number for Information: 1-877-609-2243

Emergency Telephone Number:

Polly Products, LLC 1-517-649-2243
Accurate Color 1-800-292-6567

Section 2: Hazardous Ingredients Information

Depending on the color additive used, the following hazardous ingredients may be found in ratios up to the amounts listed:

CAS #	COMMON NAME	OSHA/PEL (mg/m3)	ACGIH/TLV (mg/m3)	% By Weight	NTP	IARC	OSHA
1333-86-4	Carbon Black	3.500	3.500	<1.5	N	Y	N
13463-67-7	Titanium Dioxide *	15.000	10.000	<2.07	N	N	N
1129626-00-8	Amorphous Silica *	6.000	10.000	<0.21	N	N	N
7439-92-1	Lead **	0.050	0.150	<0.798	N	Y	N
7440-47-3	Chromium **	0.012	-----	<0.183	Y	Y	Y
70624-18-9	Poly Hexamethylene***	Not Est.	-----	<0.153	N	N	N

* Found in white color additive only.
** Found in yellow color additive only.
*** Found in green color additive only.

OHSA - Occupation, Safety & Health Administration
LARC - International Agency for Research on Cancer
NTP - National Toxicology Program
ACHIH - American Conference of Governmental Industrial Hygienists
TLV - Threshold Limit Values
PEL - Permissible Exposure Limit

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Section 3: Physical and Chemical Properties

Boiling Point:	N/A	**Specific Gravity:**	.65 - .88 grams/cubic cm
Vapor Pressure:	N/A	**Melting Point:**	257º F
Vapor Density:	N/A	**Evaporative Rate:**	Nil
Solubility in Water:	N/A		
Appearance:	Colored solid plastic lumber.		
Odor:	Slight Olefinic		

Section 4: Fire and Explosion Hazard Data

Flash Point: Greater than 600oF (ASTM D-1929)

Flammable Limits: LEL - N/A
UEL - N/A

Extinguishing Media: Water, Carbon Dioxide, Foam or Dry Chemical

Special Fire Fighting Instructions: Use self-contained breathing apparatus and full protective gear.

Unusual Fire Explosion Hazards: None.

Section 5: Stability and Reactivity

Stability: Stable

Materials to Avoid: None known

Combustion/Decomposition Products: Water, carbon dioxide, carbon monoxide, nitrogen. Carbon residue and heavy metal oxides may be released depending on the color additive used. Due to the fact that a significant amount of the material is recycled plastic, other undetermined compounds could be released in small quantities.

Hazardous Polymerization: Will not occur.

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Section 6: Health Hazard Data

Primary Route(s) of Exposure: Inhalation, skin & eye. Ingestion unlikely route.

Potential Health Effects:

Acute (Short-Term):
Breathing dust from this product may cause short-term irritation of the mouth, nose and throat.

Skin contact with this product or with dust from this product may cause itching and short-term irritation, especially in people who are sensitive to fiberglass.

Eye contact with dust from this product may cause mechanical irritation.

Chronic (Long-Term):
(See Section 9 - Toxicological Information)

First Aid Measures:

Inhalation:
Move person to fresh air; seek medical attention.

Eye Contact:
Do not rub eyes; flush eyes with running water for at least 15 minutes; seek medical attention.

Skin Contact:
Wash with mild soap and running water; use a washcloth to help remove product; to avoid more irritation, do not rub or scratch irritated areas; rubbing and scratching may force product into skin; seek medical attention.

Ingestion:
Ingestion of this material is unlikely; however, if it does occur, seek medical attention immediately.

Section 7: Precautions for Safe Handling and Use

In Case of Spills or Accidental Release: Scoop up or vacuum material. Place in a suitable container for disposal in accordance with any local, state or federal laws. Do not use compressed air for cleaning dust.

Storage Temperature: This product can be maintained at a temperature less than or equal to 120° F.

Section 7: Precautions for Safe Handling and Use (*continued*)

Storage Pressure: N/A.

Storage Precautions: Do not store near heat, open flames or strong oxidants or alkalis; store flat and well supported across entire span.

Section 8: Control Measures

Respiratory Protection: A properly fitting NIOSH approved dust mask must be worn when machining this material.

Ventilation: Machine this product only in a well ventilated area. Dust collection systems should be used to reduce dust levels below the personal exposure level when local ventilation is not sufficient, particularly during machining operations when higher levels of dust are generated.

Protective Gloves: Should be worn when handling this product.

Eye Protection: Properly fitting safety glasses, goggles or face shield should be worn when machining this product.

Work/Hygienic Practices: Wash hands before eating, drinking or smoking.

Section 9: Toxicological Information

Eye Effects: No data available.

Skin Effects: Chronic exposure may cause antimony measles.

Carcinogenicity: Lead Chromate is classified by:
IARC: Group 2B
NTP: Known carcinogen
ACGIH: A2 Suspect human carcinogen.

Mutagenicity: Test results for lead chromate pigments are conflicting.

Reproductive Effects: Possible risk of irreversible reproductive effects.

NOTE: Risk of exposure to hazardous ingredients is reduced due to encapsulation in plastic.