



Polyfill LLC

MATERIAL SAFETY DATA SHEET

MSDS # 007-00 REVISION DATE August 15th 2014

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name:	Filled EVA Barrier	CAS #:	Mixture/None Assigned
Generic Name:	Filled EVA Barrier	Formula:	Mixture
Chemical Name:	Mixture	Trade Names:	Not Applicable
Manufacturer:	Polyfill LLC		
Address:	960 North Vandemark Road Sidney, Ohio 45365		
Telephone:	(937)-493-0041		

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

<u>Ingredient Name</u>	<u>CAS Number</u>
Ethylene Copolymer	24937-78-8
Fillers	1317-65-3
Process Oil	N/A
Color Agent	133-86-4
Lubricating Agent	57-11-4

This product contains no hazardous ingredients as defined under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR1910.1200

SECTION 3: HAZARDS IDENTIFICATION

NO SIGNIFICANT IMMEDIATE HAZARDS FOR EMERGENCY RESPONSE ARE KNOWN.

ROUTE(S) OF ENTRY: Eye Contact, Inhalation, Ingestion or Dermal

HUMAN EFFECTS AND SYSTEM OF OVEREXPOSURE:

Data has not been established for this product: As a whole the data listed in this Section is based on the hazards of the individual components.

POTENTIAL HEALTH EFFECTS:

EYE CONTACT

ACUTE EFFECTS: Sheet form not likely to have eye contact. Vapors from this product may cause tearing discomfort or blurring of vision.

CHRONIC EFFECTS: None reported for this product. Symptoms may be similar to those listed for acute eye exposure.



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INHALATION

ACUTE EFFECTS: When handling this product under normal working conditions, vapors are minimal due to physical properties; a single exposure is not likely to be hazardous. However, during heating or processing of this product it is possible that exposure could occur. This product under those conditions may cause irritation to the upper respiratory tract, nose and throat and can result in coughing, chest discomfort and headache.

CHRONIC EFFECTS: None reported for this product. Symptoms may be similar to those listed for acute inhalation.

INGESTION

ACUTE EFFECTS: Not likely route of entry. Single does oral toxicity is considered to be low. Small amounts swallowed in formal handling operations are not likely to cause injury. However, if ingested this product may cause abdominal pain, vomiting or diarrhea.

CHRONIC EFFECTS: None reported for this product. Symptoms may be similar to those listed for acute ingestion exposure.

SKIN CONTACT

ACUTE EFFECTS: Exposure is not likely to result in injury. However, prolonged exposure may cause some skin irritation; the affected area may be red and itchy with discomfort.

CHRONIC EFFECTS: None reported for this product.

CARCINOGENICITY:

NTP: NOT LISTED
IARC: NOT LISTED
OSHA: NOT LISTED

MEDICAL CONDITIONS:

MAY AGGRAVATE EXISTING EYE DISEASE, SKIN DISORDER, RESPIRATORY DISEASE OR ALLERGY.



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SECTION 4: FIRST AID MEASURES

INHALATION: No specific intervention is indicated, as the compound is not likely to be hazardous by inhalation. Consult a physician if necessary.

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

SKIN CONTACT: The compound is not likely to be hazardous by skin contact, but cleansing the skin after use is advisable.

If molten material gets on skin, cool rapidly with cold water. Obtain medical treatment for thermal burn.

EYE CONTACT: In case of contact, flush eyes with plenty of water.

INGESTION: No specific intervention is indicated as compound is not likely to be hazardous by ingestion. Consult a physician if necessary.

SECTION 5: FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES: Flash Point: NE

EXTINGUISHING MEDIA: Water, Foam, Dry Chemical, CO₂

FIRE AND EXPLOSURE HAZARDS: Solid polymer can be combusted only with difficulty.
Hazardous gases/vapors produced in fire are: carbon monoxide, organic acids, aldehydes, alcohols and calcium salts.

FIRE FIGHTING INSTRUCTIONS: Keep personnel removed and upwind of fire. Wear self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES: Recover undamaged and minimally contained material for reuse and reclamation. Shovel or sweep-up. Review FIRE FIGHTING MEASURES AND HANDLING before proceeding with clean up. Use appropriate personal protective equipment.

WASTE DISPOSAL METHOD: Preferred options for disposals are (1) recycling (2) incineration with energy recovery, or (3) landfill. All disposal methods must be in compliance with all Federal, State/ Provincial and local laws and regulations.



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SECTION 7: TRANSPORTATION INFORMATION

DOT (Domestic Surface)

HAZARD CLASS OR DIVISION: Non-Regulated

IMO/IMDG CODE (Ocean)

HAZARD CLASS OR DIVISION: Non-Regulated

ICAO/IATA (Air)

HAZARD CLASS OR DIVISION: Non-Regulated

SECTION 8: HANDLING AND STORAGE

HANDLING PRECAUTIONS: See FIRST AID and PROTECTION INFORMATION sections.

STORAGE TEMPERATURE: Store in a cool place

SECTION 9: TOXICOLOGICAL INFORMATION

Not Established

SECTION 10: ECOLOGICAL INFORMATION

No Ecological Information Available

SECTION 11: DISPOSAL INFORMATION

VENTILATION: Use with adequate ventilation under heated conditions.

RESPIRATORY: A NIOSH/MSHA approved air-purifying respirator with organic vapor cartridge with a dust/mist canister is recommended under certain circumstances where airborne concentrations are expected to exceed exposure limits.

GLOVES: Wear leather or cotton gloves when sawing, routing, drilling or sanding.

EYE: Wear safety glasses. Wear coverall chemical splash goggles and face shield when possibility exists for eye and face contact due to splashing or spraying of molten material. A full-face mask respirator provides protection form eye irritation.

ADDITIONAL MEASURES: If there is potential contact with hot/molten material, wear heat resistant clothing and footwear.

HYGIENIC PRACTICES: Wash hands before eating, drinking or using the restroom.



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SECTION 12: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Flat Sheet/ Rolls
COLOR:	Black/Grey
WATER SOLUBILITY:	Negligible
MELTING POINT:	Not Determined
SPECIFIC GRAVITY:	1.8 +/- 10% @ 73°F (23°C)

SECTION 13: STABILITY AND REACTIVITY

CHEMICAL STABILITY:	Stable under recommended storage conditions.
HAZARDOUS DECOMPOSITION PRODUCTS:	Decomposes with heat. Hazardous gases/vapors produced are vinyl acetate and acetic acid.

SECTION 14: OTHER INFORMATION

CALIFORNIA PROPOSITION 65:

To the best of our knowledge, this product contains no levels of listed substances, which the state of California has bound to cause cancer, birth defects or other reproductive effects.

MASSACHUSETTS SUBSTANCE LIST (MSL):

Hazardous Substances and Extraordinarily Hazardous Substances on the MSL must be identified when present in products. To the best of our knowledge, this product contains no substance at a level that could require reporting under the statute.

For details on your regulatory requirements you should contact the appropriate agency in your state or province.

MEDICAL USE: **CAUTION: Do not use in medical applications involving permanent implantation in the human body.**

HMIS RATINGS: Health: 0 Flammability: 1 Reactivity: 0
(0-Minimal, 1-Slight, 2-Moderate, 3-Serious, 4-Severe)

MSDS REVISION SUMMARY

DATE	MSDS #	REASON
February 1, 2002	007-00	Original

As of the date of preparation of this document, the foregoing information is believed to be accurate and is provided in good faith to comply with applicable federal and state law(s). However, no warranty or representation with respect to such information is intended or given.

END OF MSDS