



38 Nixon Road, Bolton Ontario L7E 1W2

Phone: 905-951-6118

Safety Data Sheet

SECTION 1: IDENTIFICATION

Product Identifier: Genflam XLPO-MIL BK
Other Means of Identification: 4504
Recommended Use: Flame Retardant Application
Restrictions on Use: None known
Supplier Identifier: Gendon Polymer Services Inc.,
38 Nixon Road, Bolton, Ontario, Canada, L7E 1W2
Emergency number: 905 951 6118

SECTION 2: HAZARDOUS IDENTIFICATION

Hazard Classification: This product is not classified as dangerous.
Label Elements: This product is not classified as dangerous.
Other Hazards: This product is not classified as dangerous.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS#	Weight %
Copolymer of Ethylene and Octene	24937-78-8	30-40%
Magnesium Hydroxide	1309-42-8	50-60%
2-Mercaptotoluimidazole	61617-00-3	<1%
Carbon Black	1333-86-4	<2%

SECTION 4: FIRST AID MEASURES

Eyes: Flush eyes with water for 15 minutes.
Skin: Wash skin with soap and water. Seek medical attention if discomfort.
Inhalation: Remove to fresh air.
Ingestion: Rinse mouth out with water (do not swallow). Seek medical attention.
Treat as foreign irritant
Special Precautions: None known.

Most important symptoms and effects (acute or delayed): None known.
Immediate medical attention and special treatment: None known.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable extinguishing media:
Water fog or fine spray. Dry chemical fire extinguishers. Carbon dioxide fire extinguishers. Foam.

Unsuitable extinguishing media:

None known.

Specific hazards arising from the substance or mixture:

During a fire, smoke may contain the original material in addition to combustion products of varying composition which may be toxic and/or irritating. Combustion products may include and are not limited to: Carbon monoxide. Carbon dioxide.

Special Fire Fighting Equipment and Precautions for firefighters:

Wear positive-pressure self-contained breathing apparatus (SCBA) and protective fire fighting clothing (includes fire fighting helmet, coat, trousers, boots, and gloves). If protective equipment is not available or not used, fight fire from a protected location or safe distance.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Spilled material may cause a slipping hazard. Use appropriate safety equipment. For additional information refer to Section 8: Exposure Controls and Personal Protection.

Methods and materials for containment and cleaning up:

Contain spilled material if possible. Sweep up. Collect in suitable and properly labeled containers. For additional information refer to Section 7: Handling and Storage and Section 13: Disposal Considerations.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling:

Use with adequate ventilation. No smoking, open flames or sources of ignition in handling and storage area. Good housekeeping and controlling of dusts are necessary for safe handling of product.

Conditions for Safe Storage:

Store in clean, dry, cool area and in accordance with good manufacturing practices.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits:

None established

Personal Protection:

Eye/Face Protection

Use safety glasses.

Skin Protection

No precautions other than clean body-covering clothing should be needed.

Respiratory Protection

Respiratory protection should be worn when there is a potential to exceed the exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, wear respiratory protection when adverse effects, such as respiratory irritation or discomfort have been experienced, or where indicated by your risk assessment process.

Ingestion

Use good personal hygiene. Do not consume or store food in the work area. Wash hands before smoking or eating.

Engineering Controls:

Ventilation

Use local exhaust ventilation, or other engineering controls to

maintain airborne levels below exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, general ventilation should be sufficient for most operations.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance; Physical State:	Solid. Black pellets
Odour:	Odourless
Odour Threshold:	Not determined.
pH:	Not applicable.
Melting Point:	Not determined.
Freezing Point:	Not applicable.
Boiling Point:	Not determined.
Flash Point:	Not determined.
Flammability:	Not flammable.
Flammable Limits In Air:	Not applicable.
Specific Gravity:	1.52
Vapour Pressure:	Not applicable.
Vapour Density:	Not applicable.
Water Solubility:	Not soluble
Evaporation Rate:	Not applicable.
Partition coefficient, noctanol/water:	No data available for this product.
Decomposition Temperature:	Not determined.
Auto-ignition Temperature:	Not determined.
Viscosity:	Not determined.

SECTION 10: STABILITY AND REACTIVITY

Reactivity:

No dangerous reaction known under conditions of normal use.

Chemical stability:

Stable.

Possibility of hazardous reactions:

Polymerization will not occur.

Conditions to avoid:

Exposure to elevated temperatures can cause product to decompose.

Incompatible materials:

Strong oxidizing agents.

Hazardous decomposition products:

Decomposition products depend upon temperature, air supply and the presence of other materials. Processing may release fumes and other decomposition products.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity:

Very low toxicity if swallowed. Harmful effects not anticipated from swallowing small amounts.

May cause choking if swallowed.

Oral LD50 Not available.

Rabbit Dermal LD50 Not available.

Irritation:

Skin irritation may occur. Eye irritation may occur.

Sensitization:

Not sensitizing.

Repeated dose toxicity:

No adverse effects are anticipated from single exposure.

Mutagenic Effects:

No information available.

Carcinogenic effects:

IARC: 2B

Other Toxicological Information:

No information available.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: Data not available.

Persistence and degradability: Data not available.

Bioaccumulative potential: Data not available.

Mobility in soil: Data not available.

Other adverse effects: Data not available.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal instructions :

Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

Local disposal regulations:

Dispose in accordance with all applicable regulations.

Contaminated packaging:

Since emptied containers may retain product residue, follow label warnings even after container is emptied.

SECTION 14: TRANSPORTATION

Road & Rail: Not regulated.

Ocean: Not regulated.

Air: Not regulated.

Inland Waterways: Not regulated.

It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

SECTION 15: REGULATORY INFORMATION

This product is not classified as dangerous.

SECTION 16: OTHER INFORMATION

SDS Reviewed by: Helvecia Basualto **Issue Date:** 17-Nov-17
Phone: 905-951-6118

To the best of Gendon Polymer Services Inc. knowledge, the above information is true and accurate as of the date of preparation of this material safety data sheet. The above information is not intended to be exhaustive. Additional or other information may be required depending on actual conditions of use and hauling. Gendon Polymer Services makes no warranties, expressed or implied and shall not be liable for any damages or injuries, howsoever caused, arising out of the use of this data sheet or product it represents.