



38 Nixon Road, Bolton Ontario L7E 1W2

Phone: 905-951-6118

## Safety Data Sheet

### SECTION 1. IDENTIFICATION

**Product Identifier** GenNex 77 N  
**Other Mean of Identification** 3503  
**Recommended Use** Wire and Cable Applications  
**Restrictions on Use** None known  
**Supplier Identifier** Gendon Polymer Services Inc.,  
**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 %
Magnesium Hydroxide	1309-42-8	60-80%
E / VA-Copolymer	24937-78-8	30-50%
anhydride modified ethylene copolymer olefin copolymer	9006-26-2	<5%
Vinyltriethoxysilane	78-08-0	<1%
Pentaerythritol tetrakis(3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate)	6683-19-8	<1%
Trimethylolpropane trimethacrylate	3290-92-4	<1%

### 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** N/A

### SECTION 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media** Water fog or fine spray. Dry chemical fire extinguishers.

Carbon dioxide fire extinguishers. Foam.

**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.

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SECTION 6. ACCIDENTAL RELEASE MEASURES

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**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.

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SECTION 7. HANDLING AND STORAGE

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**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.

**Storage**

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

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SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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**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.

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## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

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<b>Appearance; Physical State</b>	Solid white pellets
<b>Odour</b>	Odourless
<b>Odour Threshold</b>	NA
<b>pH</b>	NA
<b>Melting Point</b>	Supplier Varies
<b>Freezing Point</b>	NA
<b>Boiling Point</b>	NA
<b>Flash Point</b>	NA
<b>Flammability</b>	No
<b>Flammable Limits In Air</b>	NA
<b>Specific Gravity</b>	1.51
<b>Vapour Pressure</b>	NA
<b>Vapour Density</b>	NA
<b>Water Solubility</b>	Not soluble
<b>Evaporation Rate</b>	NA
<b>Partition coefficient, noctanol/water</b>	No data available for this product.
<b>Decomposition Temperature</b>	NA
<b>Viscosity</b>	NA

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## SECTION 10. STABILITY AND REACTIVITY

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### 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.

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## SECTION 11. TOXICOLOGICAL INFORMATION

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### Acute toxicity

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

May cause choking if swallowed.

Oral LD50 NA

Rabbit Dermal LD50 NA

### 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

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SECTION 12. ECOLOGICAL INFORMATION

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<b>Ecotoxicity</b>	NA
<b>Persistence and degradability</b>	NA
<b>Bioaccumulative potential</b>	NA
<b>Mobility in soil</b>	NA
<b>Other adverse effects</b>	NA

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SECTION 13. DISPOSAL CONSIDERATIONS

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**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.

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SECTION 14. TRANSPORTATION

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**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 ing to the transportation of the material.

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SECTION 15. REGULATORY INFORMATION

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<b>Prepared by:</b>	David Lee	<b>Date:</b>	12-Oct-16
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