



# Safety Data Sheet (SDS)

Material Name: BPLite

## \*\*\* Section 1 - Chemical Product and Company Identification \*\*\*

### Manufacturer Information

Nudo  
1500 Taylor Avenue  
Springfield, IL 62703

Phone: 217-528-5636  
Fax: 217-528-8722

## \*\*\* Section 2 - Hazards Identification \*\*\*

### Emergency Overview

No specific hazards anticipated from normal product handling. Dust and other particulates generated during cutting, shaping, or forming may cause eye, skin, and respiratory tract irritation.

### Potential Health Effects: Eyes

Dusts and particulates may cause eye irritation.

### Potential Health Effects: Skin

Dusts and particulates may cause skin irritation.

### Potential Health Effects: Ingestion

Not a likely route of exposure under normal product use conditions.

### Potential Health Effects: Inhalation

Dusts and particulates may cause respiratory tract irritation.

### HMIS Ratings: Health: 1 Fire: 0 HMIS Reactivity 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe \* = Chronic hazard

## \*\*\* Section 3 - Composition / Information on Ingredients \*\*\*

CAS #	Component
25087-34-7	1-Butene, polymer with ethene
25213-02-9	1-Hexene, polymer with ethene

## \*\*\* Section 4 - First Aid Measures \*\*\*

### First Aid: Eyes

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Eye injuries from glass particles should be treated by a physician immediately.

### First Aid: Skin

For skin contact flush with large amounts of water. If irritation persists, get medical attention.

### First Aid: Ingestion

If the material is swallowed, get immediate medical attention or advice -- Do not induce vomiting.

### First Aid: Inhalation

Move person to non-contaminated air. If the affected person is not breathing, apply artificial respiration.

## \*\*\* Section 5 - Fire Fighting Measures \*\*\*

### General Fire Hazards

See Section 9 for Flammability Properties.  
None anticipated.

### Hazardous Combustion Products

Not Determined

### Extinguishing Media

Use appropriate extinguishing media suitable for surrounding fire.

### Fire Fighting Equipment/Instructions

Firefighters should wear full protective gear.

### NFPA Ratings: Health: 1 Fire: 0 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

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## \*\*\* Section 6 - Accidental Release Measures \*\*\*

### Containment Procedures

None necessary.

### Clean-Up Procedures

No special cleanup procedures needed.

### Evacuation Procedures

None

### Special Procedures

None

## \*\*\* Section 7 - Handling and Storage \*\*\*

### Handling Procedures

Avoid dust generation.

### Storage Procedures

No special storage procedures needed.

## \*\*\* Section 8 - Exposure Controls / Personal Protection \*\*\*

### A: Component Exposure Limits

ACGIH, OSHA, and NIOSH have not developed exposure limits for any of this product's components.

### Engineering Controls

Ventilation is not normally required.

### PERSONAL PROTECTIVE EQUIPMENT

#### Personal Protective Equipment: Eyes/Face

Wear dust goggles.

#### Personal Protective Equipment: Skin

None necessary.

#### Personal Protective Equipment: Respiratory

Not normally needed.

#### Personal Protective Equipment: General

None

## \*\*\* Section 9 - Physical & Chemical Properties \*\*\*

<b>Appearance:</b>	Multi-colored	<b>Odor:</b>	None
<b>Physical State:</b>	Solid	<b>pH:</b>	NA
<b>Vapor Pressure:</b>	ND	<b>Vapor Density:</b>	ND
<b>Boiling Point:</b>	ND	<b>Melting Point:</b>	110°-135°C (230° to 275°F)
<b>Solubility (H2O):</b>	ND	<b>Specific Gravity:</b>	ND
<b>Evaporation Rate:</b>	NA	<b>VOC:</b>	ND
<b>Octanol/H2O Coeff.:</b>	ND	<b>Flash Point:</b>	>343°C (>649.4°F)
<b>Flash Point Method:</b>	Closed Cup	<b>Upper Flammability Limit (UFL):</b>	ND
<b>Lower Flammability Limit (LFL):</b>	ND	<b>Burning Rate:</b>	ND
<b>Auto Ignition:</b>	390°C (734°F)		

## \*\*\* Section 10 - Chemical Stability & Reactivity Information \*\*\*

### Chemical Stability

This is a stable material.

### Chemical Stability: Conditions to Avoid

Stable under recommended storage and handling conditions (see section 7). If heated to more than 300°C, the product may form vapors or fumes which could cause irritation of the respiratory tract, coughing, and shortness of breath. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material.

### Incompatibility

Not Determined

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## Hazardous Decomposition

These products are carbon oxides (CO, CO<sub>2</sub>). May also contain low levels of aldehydes, ketones, organic acids or hydrocarbons.

## Possibility of Hazardous Reactions

Will not occur.

### \*\*\* Section 11 - Toxicological Information \*\*\*

#### Acute Dose Effects

##### A: General Product Information

No information available for the product.

##### B: Component Analysis - LD50/LC50

**1-Butene, polymer with ethene (25087-34-7)**

Oral LD50 Rat 4 g/kg

#### Carcinogenicity

##### A: General Product Information

No information available for the product.

##### B: Component Carcinogenicity

None of this product's components are listed by ACGIH, IARC, OSHA, NIOSH, or NTP.

### \*\*\* Section 12 - Ecological Information \*\*\*

#### Ecotoxicity

##### A: General Product Information

No information available for the product.

##### B: Component Analysis - Ecotoxicity - Aquatic Toxicity

No ecotoxicity data are available for this product's components.

### \*\*\* Section 13 - Disposal Considerations \*\*\*

#### US EPA Waste Number & Descriptions

#### Component Waste Numbers

No EPA Waste Numbers are applicable for this product's components.

#### Disposal Instructions

Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.

See Section 7 for Handling Procedures. See Section 8 for Personal Protective Equipment recommendations.

### \*\*\* Section 14 - Transportation Information \*\*\*

#### US DOT Information

**Shipping Name:** Not Regulated

#### TDG Information

**Shipping Name:** Not Regulated

### \*\*\* Section 15 - Regulatory Information \*\*\*

#### US Federal Regulations

#### Component Analysis

None of this products components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), or CERCLA (40 CFR 302.4).

#### State Regulations

#### Component Analysis - State

None of this product's components are listed on the state lists from CA, MA, MN, NJ, PA, or RI.

#### Component Analysis - WHMIS IDL

No components are listed in the WHMIS IDL.

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**Material Name: BPLite**

**US. California Proposition 65**

WARNING: This product contains chemicals known to the State of California to cause cancer, birth defects and other reproductive harm.

**US – California Proposition 65 – Carcinogens & Reproductive Toxicity (CRT): Listed substance**

Lead	Cancer	207.2
Lead	Developmental - All Genders	207.2
Cobalt metal powder	Cancer	7440-48-4
Cadium	Cancer	112.41
Cadium	Developmental- Male	112.41
Arsenic (inorganic oxides)	Developmental	---
Nickel (Metallic)	Cancer	7440-02-0
Silica, Crystalline	Cancer	
Titanium dioxide (airborne, unbound particles of respirable size)	Cancer	---
n-Hexane	Developmental - Male	110-54-3

**Additional Regulatory Information**

**Component Analysis - Inventory**

Component	CAS #	TSCA	CAN	EEC
1-Butene, polymer with ethene	25087-34-7	Yes	DSL	No
1-Hexene, polymer with ethene	25213-02-9	Yes	DSL	No

**\*\*\* Section 16 - Other Information \*\*\***

**Other Information**

The information herein is presented in good faith and believed to be accurate as of the effective date given. However, no warranty, expressed or implied, is given. It is the buyer's responsibility to ensure that its activities comply with Federal, State or provincial, and local laws.

**Key/Legend**

EPA = Environmental Protection Agency; TSCA = Toxic Substance Control Act; ACGIH = American Conference of Governmental Industrial Hygienists; IARC = International Agency for Research on Cancer; NIOSH = National Institute for Occupational Safety and Health; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration, NJTSR = New Jersey Trade Secret Registry.

End of Sheet