



**MAXADAPTOR®**  
**ONE&DONE™**



# SAFETY DATA SHEET

for MAXADAPTOR® Nylon 6/6

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## SAFETY DATA SHEET - NYLON 6/6

### Section 1: IDENTIFICATION

#### Product identifier

**Product name:** Nylon 6/6 Securing Cage

**CAS number:** 32131-17-2

**Chemical Name:** Polyamide Resin (Nylon 6/6)

**Product type:** Solid

**Product use:** Per installation instructions

#### Details of the supplier of the safety data sheet

Gripper Gasket LLC

1660 Lesson Lane

Corona, CA 92879

**Telephone number:** 951-479-4999

### Section 2: HAZARD IDENTIFICATION

#### Precautionary statements

**Chronic exposure:** Refer to Section 11 for Toxicological Information.

The products listed above are considered “articles” as defined in the OSHA Hazard Communication Standard, 29 CFR 1910.1200 and are considered “manufactured articles” as defined by the Canadian Hazardous Products Act (R.S.C., 1985, c. H-3) and as such are exempt from the requirement for an SDS.

Under normal conditions of use, these products do not pose a hazard in the workplace or to the building occupants. Since these products or “articles” pose no health hazard under normal conditions of use, there is no requirement for an SDS. In addition, “articles” are not included in the scope of the Globally Harmonized System (GHS). For that reason, the GHS labeling elements are not included on this SDS.

Although these products are not subject to the OSHA or Canadian standards or GHS labeling elements, Gripper Gasket would like to disclose as much health and safety information as possible to ensure that these products are handled and used properly. This SDS contains information critical to the safe handling and proper use of the products. It is recommended that this SDS should be retained and made available to the users of these products. In addition, the recommendations for handling and use of these products should be included in worker training programs.

GHS Product Classification: Not classified

GHS Label Elements: Not applicable

Other Hazards: Not applicable

### Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Common Name and Synonyms	CAS Number	Amount
Polyamide Resin (Nylon 6/6)	Polyamide Resin (Nylon 6/6)	32131-17-2	100%

Occupational exposure limits are listed in Section 8.

### Section 4: FIRST AID MEASURES

#### Description of first aid measures

**Eye contact:** Immediately flush eyes with water for at least 15 minutes. Get medical attention.

**Inhalation:** No adverse health effects expected from inhalation.

**Skin contact:** No adverse health effects expected from skin contact.

**Ingestion:** No adverse health effects expected from ingestion.



## Section 5: FIREFIGHTING MEASURES

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Suitable Extinguishing Methods:	Dry Chemical, Water Spray, Foam, Carbon Dioxide. Avoid using direct streams of water on molten burning material.
Unsuitable Extinguishing Methods:	None known.
Hazards During Fire-fighting:	Carbon monoxide, carbon dioxide, original monomer other hydrocarbon oxidation products.
Protective Equipment:	Wear self-contained breathing apparatus and protective suit.

## Section 6: ACCIDENTAL RELEASE MEASURES

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**Minimal problems with spills of this product would be expected to occur because of its solid form.**

Personal precautions: See Section 8 – Exposure Controls / Personal Protection.

Environmental precautions: Discharge into the environment must be avoided.

### Methods and materials for containment and cleaning up

Waste Disposal: Reclaim where possible. Dispose of in accordance with local and state regulations. This is not an RCRA hazardous waste.

## Section 7: HANDLING AND STORAGE

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7.1 Keep away from sparks heat and flame.

7.2 This product may react with strong oxidizing agents and should not be stored near such materials.

## Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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### Exposure Limits

8.1 Effects of Acute Exposures:	None determined
8.2 Effects of Chronic Over Exposure:	None determined
8.3 OSHA Permissible Exposure Limits:	Respirable Dust - Not established Total Dust - Not established
8.4 Carcinogen Potential:	
• National Toxicology Program:	Not listed
• I.A.R.C. Monograph:	Not listed
• OSHA:	Not listed

### Engineering Controls

For molten materials: Provide mechanical ventilation; in general, such ventilation should be provided at compounding/ converting areas and at fabricating/ filling work stations where the material is heated. Local exhaust ventilation should be used over and in the vicinity of machinery involved in handling the molten material.

### Individual Protection Measures, Personal Protective Equipment (PPE)

Skin:	Wear gloves when handling the material.
Ventilation:	Adequate ventilation is recommended to minimize accumulation of fines or vapors during processing and handling.
Respiratory:	Where exposure to nuisance dust may exceed acceptable levels, use NIOSH/MSHA approved respiratory protection equipment.
Eyes and Face:	Wear safety glasses, face shield or chemical goggles to avoid getting material in the eyes during bulk handling. Eyewash fountains and safety showers should be easily accessible.
Protective Clothing:	When handling or processing resins at elevated temperatures or in a molten state, wear protective clothing over skin to prevent contact.
Other Measures:	Follow normal personal hygiene and good housekeeping practices.



## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

Appearance:	Opaque to white pellet, solid	Vapor Pressure:	Not applicable
Odor:	Slight to none	Vapor Density:	Not applicable
pH:	Not applicable	Relative Density:	0.88 to 1.35 (g/cm <sup>3</sup> @ 23°C)
Melting Point/Freezing Point:	392 °F	Solubility (ies):	Insoluble in water
Boiling Point:	Not applicable	Partition Coefficient (N-Octanol/Water):	Not available
Flash Point:	>650 °F	Auto-Ignition Temperature:	>650 °F (estimated)
Evaporation Rate:	Not applicable	Decomposition temperature:	>600 °F
Flammability (solid, gas):	Not flammable	Viscosity:	Not applicable
Upper Explosive Limit:	UFL/UEL not available	Specific Gravity:	1.14 (g/cm <sup>3</sup> @ 23°C)
Lower Explosive Limit:	LFL/LEL not available	Percent Volatile:	Negligible

## Section 10: STABILITY AND REACTIVITY

Reactivity:	Strong oxidizing agents.
Chemical stability:	This material is considered a stable thermoplastic, with no chemical reactivity under normal ambient and anticipated handling conditions of temperature and pressure.
Possibility of Hazardous Reactions:	May react with strong oxidizing agents, such as chlorates, nitrates, peroxides, etc. May react with free halogens.
Conditions to Avoid:	Avoid heating above the recommended processing temperature. DO NOT heat without adequate ventilation. Avoid storage or contact with strong oxidizing agents.
Incompatible Materials:	This material is Stable.
Hazardous Decomposition Products:	Small quantities of low molecular weight hydrocarbons, alcohols, aldehydes (incl. Formaldehyde), carboxylic acids, carbon oxides and ketones can be formed during thermal processing.
Combustion Products.	The following combustion products may be generated: Carbon Dioxide, Carbon Monoxide, water vapor, and Trace Volatile Organic Compounds.

## Section 11: TOXICOLOGICAL INFORMATION

### Irritating Effects

Eye Irritation:	Solid particles may cause transient irritation from mechanical abrasion.
Skin Irritation:	Not expected to cause skin irritation. Molten material may cause thermal burns.
Inhalation:	Not a likely route of exposure. Process fumes may cause irritation.
Ingestion:	May cause a choking hazard if swallowed.

### ADDITIONAL TOXICOLOGICAL INFORMATION

When used and handled according to specifications, the product does not have any harmful effects according to research and information provided by suppliers.

### Carcinogenic effect

International Agency for Research on Cancer (IARC): Group3 - NOT classifiable as to its carcinogenicity to humans.



## Section 12: ECOLOGICAL INFORMATION

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Eco-toxicity:	Toxicity to fish - No relevant studies identified.
Persistence and Degradability:	This material is not expected to be readily biodegradable.
Bio-accumulate Potential:	Product is not likely to accumulate in biological organisms.
Mobility in Soil:	This product has not been found to migrate through soils.
Other Adverse Effects:	This substance is not in Annex I of Regulation (EC) 2037/2000 on substances that deplete the ozone layer.

## Section 13: DISPOSAL CONSIDERATIONS

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### Disposal Methods

#### Product Recommendation

- 13.1 Recycle (Reprocess) if product has not been contaminated so as to make it unsuitable for its intended use.
- 13.2 Disposal through controlled incineration or authorized waste dump in accordance with Local, State or Federal Regulations.

#### Uncleaned Packaging Recommendation:

- 13.3 Disposal must be done in accordance with Local, State or Federal Regulations.

## Section 14: TRANSPORT INFORMATION

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UN Number:	Not relevant
UN Proper Shipping Name:	Not relevant
<b>Transportation Hazard Class(es)</b>	
DOT:	Not regulated/classified
ADR / RID:	Not regulated/classified
IMDG:	Not regulated/classified
ICAO/IATA:	Not regulated/classified
HS-code (Customs Tariff code):	3908.10.00 00 Polyamide-6, -11, -12, -6, 6, -6, 9, -6, 10 or -6, 12. . .
Packing Group:	Not applicable
Environmental Hazards:	Not relevant
Transportation in Bulk (According to Annex II of MARPOL 73/78 and IBC Code):	Not relevant
Special Precautions for User:	No special precautions

## Section 15: REGULATORY INFORMATION

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This Material is not Hazardous by OSHA Hazardous Communication Standard 29 CFR 1910.1200  
This Material is on the TSCA Inventory.  
This Material is not subject to specific CERLA reporting requirements.  
This Material is not subject to SARA 313 reporting requirements.  
This Material is not subject to California Safe Drinking Water and Toxic Enforcement Act (Proposition 65) reporting.  
Canadian Environmental Protection Act (CEPA) All substances in this product are listed on the Canadian Domestic Substances List (DSL).  
Canada – WHMIS This product does not meet WHMIS classification criteria.  
Hazard Material Information System (USA) Health – 1 b, Flammability – 1, Reactivity – 0



## Section 16: OTHER INFORMATION

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Notes: No additional information

### Legend

ACGIH:	American Conference of Governmental Industrial Hygienists
ADR/RID:	European dangerous goods transport road and rail regulations
CAS No:	Chemical Abstract Service Registry Number
CEPA:	Canadian Environmental Protection Act
DOT:	Department of Transportation (U.S.)
DSL:	Canadian Domestic Substances List
GHS:	Globally Harmonized System for the classification and labeling of chemical (United Nations)
IARC:	International Agency for Research on Cancer
IATA:	International Air Transport Association
ICAO:	International Civil Aviation Organization
IMDG code:	International Maritime Dangerous Goods code
LFL/LEL:	Lower Flammable Limit/Lower Explosive Limit
N/A:	Not applicable
N/E:	None established
NFPA:	National Fire Protection Association
OEL:	Occupational Exposure Limits
OSHA:	Occupational Safety & Health Administration (U.S.)
SDS:	Safety Data Sheet
STEL:	Short Term Exposure Limit
TDG:	Canadian Transportation of Dangerous Goods Act and Regulations
TWA:	Time Weighted Average (exposure for 8-hour workday)
UFL/UEL:	Upper Flammable Limit/Upper Explosive Limit
UN:	United Nations
U.S.:	United States

### Notice to reader

The data in this Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

**Responsibility for SDS: Gripper Gasket LLC**

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