

SAFETY DATA SHEET

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1. IDENTIFICATION OF PRODUCT AND COMPANY

1.1 Product identification: PowerGRP (R) General Cable Ties

GRP-418 Cable Tie 4" 18lb NAT; GRP-4180 Cable Tie 4" 18lb BLK; GRP-518 Cable Tie 5" 18lb NAT; GRP-5180 Cable Tie 5" 18lb BLK; GRP-818 Cable Tie 8" 18lb NAT; GRP-8180 Cable Tie 8" 18lb BLK; GRP-540 Cable Tie 5" 40lb NAT; GRP-5400 Cable Tie 5" 40lb BLK; GRP-840 Cable Tie 8" 40lb NAT; GRP-8400 Cable Tie 8" 40lb BLK; GRP-1140 Cable Tie 11" 40lb NAT; GRP-11400 Cable Tie 11" 40lb BLK; GRP-650 Cable Tie 6" 50lb NAT; GRP-6500 Cable Tie 6" 50lb BLK; GRP-750 Cable Tie 7.5" 50lb NAT; GRP-7500 Cable Tie 7.5" 50lb NAT; GRP-7500 Cable Tie 7.5" 50lb BLK; GRP-850 Cable Tie 8" 50lb NAT; GRP-8500 Cable Tie 8" 50lb BLK; GRP-1150 Cable Tie 11" 50lb NAT; GRP-11500 Cable Tie 11" 50lb BLK; GRP-1450 Cable Tie 14" 50lb NAT; GRP-14500 Cable Tie 14" 50lb BLK; GRP-1850 Cable Tie 18" 50lb NAT; GRP-18500 Cable Tie 18" 50lb BLK; GRP-8120 Cable Tie 8" 120lb BLK; GRP-81200 Cable Tie 8" 120lb BLK; GRP-11120 Cable Tie 11" 120lb NAT; GRP-14120 Cable Tie 14" 120lb NAT; GRP-141200 Cable Tie 14" 120lb BLK; GRP-18175 Cable Tie 18" 175lb NAT; GRP-24175 Cable Tie 24" 175lb NAT; GRP-241750 Cable Tie 24" 175lb BLK; GRP-30175 Cable Tie 30" 175lb NAT; GRP-301750 Cable Tie 30" 175lb BLK; GRP-36175 Cable Tie 36" 175lb NAT; GRP-361750 Cable Tie 36" 175lb BLK; GRP-48175 Cable Tie 48" 175lb NAT; GRP-481750 Cable Tie 48" 175lb BLK; GRP-601750 Cable Tie 60" 175lb BLK; GRP-15250 Cable Tie 15" 250lb NAT; GRP-152500 Cable Tie 15" 250lb BLK; GRP-18250 Cable Tie 18" 250lb NAT; GRP-182500 Cable Tie 18" 250lb BLK; GRP-22250 Cable Tie 22" 250lb NAT; GRP-222500 Cable Tie 22" 250lb BLK; GRP-28250 Cable Tie 28" 250lb NAT; GRP-282500 Cable Tie 28" 250lb BLK; GRP-342500 Cable Tie 34" 250lb BLK

1.2 Relevant identified uses of the product: Electrical, Bundling of electrical cables and wires

1.3 Details of the supplier of the safety data sheet:

NSi Industries
9730 Northcross Center Ct.
Huntersville, NC 28078
1-888-500-4598
techteam@nsiindustries.com

1.4 Emergency telephone: 1-888-500-4598 (Available only during office hours).

2. HAZARDS IDENTIFICATION

2.1 Classification of the product

This product is not classified as hazardous. EU Dangerous Substances Directive 67/548/EEC

2.2 Label elements Labeling according to EU/Regulation 1272/2008 (CLP) is not applicable

2.3 Other hazards

Human health effects - On the basis of available information, this material is not expected to produce any significant adverse health effects when recommended use instruction are followed.

Environmental effects - On the basis of available information, this material is not expected to produce any significant adverse environmental effects when recommended use instruction are followed.

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3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substance

Nylon 6,6

3.2 Mixture Proprietary formula

Information about components of the product:

Component	CAS Number	% Weight
Nylon 6,6	32131-17-2	$\geq 98.0 \sim \leq 100.0\%$

4. FIRST AID MEASURES

4.1 Description of first aid measures

No need for first aid is anticipated when product is used as directed.

In case of unexpected contact:

Eye Contact: flush eyes immediately with large amounts of water for at least fifteen minutes holding eyelids open while flushing. If irritation persists, contact your doctor.

Skin Contact: N/A

Inhalation (Breathing): N/A

Ingestion (Swallowing): N/A

4.2 Most important symptoms and effects, both acute and delayed

N/A.

4.3 Indication of any immediate medical attention and special treatment needed

N/A

5. FIRE FIGHTING MEASURES

5.1 Extinguishing Media

All standard fire fighting agents are suitable, ie. CO₂, Foam, Dry Chemicals.

5.2 Special hazards arising from the product

May produce irritating and/or toxic vapors and fumes if it burns.

5.3 Advice for firefighters

Fire fighters should wear full protective clothing including a self-contained breathing apparatus.

During a fire, irritating and/or toxic gases may be present from the combustion products (see 5.2).

Do not use foam on fires involving electrical equipment.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment recommended in section 8.

6.2 Environmental precautions

Not applicable.

6.3 Methods and material for containment and cleaning up

Not applicable.

6.4 Reference to other sections

Not applicable.

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7. HANDLING AND STORAGE

7.1 Precautions for safe handling

This product is considered to be an article which does not release or otherwise result in exposure to a hazardous chemical under normal use conditions

7.2 Conditions for safe storage, including any incompatibilities

Stable under normal conditions of handling and storage
See section 1.2

8. EXPOSURE CONTROL/ PERSONAL PROTECTION

8.1 Control parameters

N/A

8.2 Exposure controls

Under normal conditions PPE is not needed.

Personal Protective Equipment (PPE):

Respiratory. N/A

Skin. N/A

Eye/Face. Does not cause significant eye limitation or eye toxicity requiring special protection.

Other Protective Equipment. N/A

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance: Natural or Black

Physical State: Solid.

Odor: Odorless

Flash point: > 371°C

Density: 1.13 to 1.15 g/cm³

Melting Point: 257 to 267°C

Dust explosion properties: If this material is milled or the process generate fines.

The fines could form an explosive mixture if dispersed in a sufficient quantity of air.

9.2 Other information

N/A

10. STABILITY AND REACTIVITY

10.1 Reactivity

Stable.

10.2 Chemical Stability

Stable under normal conditions of storage and handling.

10.3 Possibility of hazardous reactions

N/A.

10.4 Conditions to Avoid

High temperatures.

10.5 Incompatible Materials

10.6 Hazardous Decomposition Products

N/A

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12. ECOLOGICAL INFORMATION

12.1 Toxicity

No ecological information is available.

12.2 Persistence and degradability

No ecological information is available.

12.3 Bioaccumulative potential

No ecological information is available.

12.4 Mobility in soil

No ecological information is available.

12.5 Results of PBT and vPvB assessment

N/A.

12.6 Other adverse effects

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Waste are not considered hazardous material. Dispose of in accordance with all local and national regulations.

14. TRANSPORT INFORMATION

14.1 UN number

Not restricted.

14.2 UN proper shipping name

Not restricted.

14.3 Transport hazard class(es)

Not restricted.

14.4 Packing group

Not restricted.

14.5 Environmental hazards

Not restricted.

14.6 Special precautions for user

Not restricted.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not restricted.

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the product

This product complaint with EU directive 2015/863 on the restriction of the use of 10 hazardous substances in electrical and electronic equipment (RoHS), REACH regulations EC 1997/2006 on its SVHC substances and Halogen Free regulation defined in IEC 61249-2-21.

15.2 Chemical safety assessment

N/A.

16. OTHER INFORMATION

Revision changes: General adaptation to Regulation EU 2015/830.

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level knowledge and on national and local regulations.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information given on this safety data sheet must be regarded as a description of the safety requirements relating to our product and not a guarantee of its properties.