

SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name: Bundle Buddies Cable Ties
Product information: Black (UV Resistant) and Natural Cable Ties

1.2. Relevant identified uses of the substance or mixture and uses advised against

Product code(s): CT04, CB04, CT06, CB06 CT08-18, CB08-18, CB05, CT08, CB08-40, CT07, CB07, CT11, CB11, CT14, CB14, CT17, CB17, CT08-120, CB08-120, CT14-120, CB14-120, CT18, CB18, CT24, CB24, CT36, CB36, CT48, CB48

Recommended use: Securing wire and cables, fastening loose items, securing packages or bags and more.

Restrictions on use: Do not heat to 572°F (300°C) and above. Decomposition products such as ammonia, carbon dioxide, hydrogen cyanide and aldehydes may occur.

1.3. Details of the supplier of the safety data sheet

Manufacturer: FedPro, Inc.
Address: 4520 Richmond Rd.
Cleveland, OH 44128
U.S.A.
Telephone: 1-800-846-7325
Email: SDS@fedpro.com

1.4. Emergency telephone number: Call Chemtrec at 1-800-424-9300

2. HAZARD IDENTIFICATION

GHS Classification in accordance with OSHA Hazard Communication Standard (29 CFR 1910.1200)

2.1. Not Classified.

2.2. GHS Labels elements

Pictograms: None
Signal word: None
Hazard Statements: None
Precautionary Statements: Read label before use. Keep out of the reach of children.

2.3. Other hazards

Heated material can cause thermal burns. Vapor may be irritating to eyes and respiratory system.

2.4. Disposal

P501 Dispose of contents/container to an approved facility in accordance with local, national and international regulation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS-No.	REACH-No.	% by Weight	Classification
Poly[imino(1,6-dioxo-1,6-hexanediyil)imino-1,6-hexanediyil]	32131-17-2	Not applicable	99-100	Substances not classified as hazardous

4. FIRST AID MEASURES

4.1. Description of first aid measures

No first aid measures are needed under normal condition.

Inhalation	In case of inhalation of decomposition products, remove individual to fresh air, loosen clothing and seek medical attention.
Eye contact	N/A
Skin contact	N/A
Ingestion	N/A

4.2. Most important symptoms and effects, both acute and delayed

Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure

4.3. Indication of any immediate medical attention and special treatment required

In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

5. FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing: Use media suitable for the surrounding fire.

Not suitable: N/A

5.2. Special hazards arising from the substance or mixture

Under fire conditions: In case of fire, avoid inhalation of combustion gases.

High temperature could generate a thermal decomposition of the product resulting in carbon dioxide, carbon monoxide, nitrogen oxides, hydrogen cyanide, ammonia and aldehydes.

5.3. Protective Equipment and Precautions for Fire-fighters

When firefighting conditions are severe and total thermal decomposition of the product is possible, wear full protective clothing and self-contained, positive pressure or pressure demand breathing apparatus with full face-piece and helmet..

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

N/A

6.2. Environmental precautions

N/A

6.3. Methods and material for containment and cleaning up

In case of Spillage: Sweep up to avoid slippage.

Waste Disposal: Dispose of contents/container to an approved facility in accordance with local, national and international regulations.

6.4 Reference to other sections

Refer to Section 8 and Section 13 for more information.

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

N/A

7.2. Conditions for safe storage including any incompatibilities

No special storage requirements.

7.1. Specific end use(s)

See information in Section 7.1 and 7.2 for handling and storage recommendations. See section 8 exposure controls and personal protection recommendations.

Storage Conditions Store dry, cool and well ventilated in original packaging. Keep container closed when not in use. 70°F (21°C) and 50% relative humidity is ideal storage conditions. Keep out of the reach of children. Keep out of direct sunlight.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

No occupational exposure limit values exist for the component listed in Section 3.

8.2. Exposure controls

No special protection by way of clothing or equipment is required to handle the product. However as in any industrial activity good hygiene and housekeeping practices should be applied. Provide temperature safety devices. When product is heated, provide appropriate local exhaust. Use general dilution ventilation and/or local exhaust ventilation to maintain levels of thermal decomposition products below their exposure guidelines.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Black or natural white linear cable tie
Color:	Black or natural white
Odor:	None
Odor threshold:	N/A
pH:	N/A
Viscosity:	N/A
Density:	1.1 to 1.2 g/cm ³
Melting Point:	494.6 – 512.6°F (257 - 267°C)
Boiling Point:	N/A
Solubility in H ₂ O:	Insoluble
Solubility (other):	N/A
Flash Point:	Does not flash
Auto Ignition Temp.:	N/A
Explosive properties:	N/A
Oxidizing properties:	N/A
Vapor pressure:	N/A

10. STABILITY AND REACTIVITY

10.1. Reactivity

This material may be reactive with certain agents under certain conditions (see the remaining headings in this section).

10.2. Chemical stability

Stable product

10.3. Possibility of hazardous reactions

Stable product

10.4. Conditions to avoid

Not determined

10.5. Incompatible materials

Strong acids and oxidizing agents.

10.6. Hazardous decomposition products

Thermal decomposition: >572°F (> 300 °C). Significant decomposition above 662°F (350°C).

Combustion gases formed during the decomposition could be:

- Carbon monoxide
- Carbon dioxide
- Nitrogen oxides
- Hydrogen cyanide
- Ammonia
- Aldehyde

11. TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological effects

General:	According to experience the product is considered to be harmless to health if handled in the correct manner.
Acute:	Flu like transient sickness. Decomposition vapor may cause an irritation of human respiratory system with may cause fever, breathing difficulties, cough and shivering.
Chronic:	None particularly symptom.
Routes of Entry:	a) Inhalation – Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure. b) Eyes – Heated material can cause thermal burns. c) Skin – Heated material can cause thermal burns. d) Ingestion – inert when ingested by rats.

12. ECOLOGICAL INFORMATION

12.1. Toxicity

Not toxic.

12.2. Persistence and degradability

No product test data available.

12.3. Bioaccumulative potential

No product test data available.

12.4. Mobility in soil

No product test data available.

12.5. Results of the PBT and vPvB assessment

Not applicable

12.6. Other adverse effects

The product is insoluble in water, has very low volatility.

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

This product has been classified as a non-hazardous waste. Dispose of waste and residues in accordance with local authority requirements.

14. TRANSPORT INFORMATION

D.O.T.	Not Regulated
PROPER SHIPPING NAME	N/A
IDENTIFICATION NUMBER	N/A
IATA	Not Regulated
IMDG	Not Regulated
UN-No:	Not applicable

15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Carcinogenicity

Ingredient	CAS No.	Classification	Regulation
Poly[imino(1,6-dioxo-1,6-hexanediy)imino-1, 6-hexanediy]	32131-17-2	Not listed	Not listed as a carcinogen according to NTP, IARC or OSHA 1910(z)

Complies with REACH Regulation 1907/2006, RoHS Directives 2011/65/EU and 2015/863, CLP Regulations amended with EC Regulation 830/2015.

15.2. Chemical Safety Assessment

According to Directives 2008/1272/EC and 2010/453/EC (Hazard Information and Packaging for Supply):
Not applicable

16. OTHER INFORMATION

NFPA	HEALTH HAZARDS 1	FLAMMABILITY 1	INSTABILITY 0	SPECIAL HAZARDS 0
HMIS	HEALTH HAZARDS 1	FLAMMABILITY 1	INSTABILITY 0	SPECIAL HAZARDS 0

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The information herein is based on data considered to be accurate as of the date of preparation of the Safety Data Sheet. However, no warranty or representation, expressed or implied, is made as to the accuracy or completeness of the foregoing data and safety information. The user assumes all liability for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices or from any hazards inherent in the nature of the product.