

Safety Data Sheet

Classified in accordance 29 CFR 1910.1200

1. Product Identification

Product Code: 01253, 00237, 01940, 00359

Product Identifier: Terminal Protectors
Recommended Use: Battery terminal protectors

Manufacturer or sold by: East Penn Manufacturing Co.
102 Deka Road
Lyon Station, Pa 19536 US
610-682-4231

Emergency Telephone (CHEMTREC): 800-424-9300

2. Hazard(s) identification

Classification
Not classified

Label elements

HAZARD PICTOGRAMS
None

SIGNAL WORD
None

GHS HAZARD STATEMENTS

The mixture does not meet the criteria for classification.

GHS PRECAUTIONARY STATEMENTS

Prevention

None

Response

Wash hands after handling.

Storage

Store away from incompatible materials.

Disposal

Dispose of contents/container in accordance with applicable laws and regulations.

Other Information
None

3. Composition/Information on Ingredients

Mixtures

<u>Chemical Identity</u>	<u>CAS Number</u>	<u>Content in Percent (%)*</u>
Polyethylene terephthalate (PET)	25038-59-9	
Polypropylene	9003-07-0	55-65
Distillates (petroleum), Hydrotreated Heavy Naphthenic	64742-52-5	23-29
Distillates, Petroleum, Hydrotreated Light Naphthenic	64742-53-6	
Paraffin oils (petroleum), catalytic dewaxed heavy	64742-70-7	
Paraffin oils (petroleum), catalytic dewaxed light	64742-71-8	
n-Butyl stearate	123-95-5	10-15
Fatty Acids, C18-unsatd., Dimers	61788-89-4	
Petrolatum	8009-03-8	
Sorbitan monooleate	68910-94-1	
Sorbitan oleate	1338-43-8	0-1

* Specific chemical identity and/or the exact percentage of composition has been withheld as a trade secret.

Additional Information: No health effects are expected related to normal use of this product as sold.

4. First-aid Measures

SKIN CONTACT: Remove contaminated clothing and wash the skin thoroughly with soap and water after work.

EYE CONTACT: Rinse immediately with plenty of water.

INHALATION: Move to fresh air.

INGESTION: Keep the victim calm and warm. Do NOT induce vomiting. If conscious, rinse mouth with water. Never give anything by mouth to an unconscious or convulsing person.

IMPORTANT SYMPTOMS: Aspiration hazard: Harmful or fatal if swallowed.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED: Get medical attention if symptoms occur. Immediate medical attention is required for ingestion.

Under normal conditions of processing and use, exposure to the chemical constituents in this product is unlikely.

5. Fire-fighting Measures

EXTINGUISHING MEDIA: Use fire-extinguishing media appropriate for surrounding materials.

UNSUITABLE EXTINGUISHING MEDIA: Do not use water jet as an extinguisher, as this will spread the fire. **UNUSUAL FIRE AND EXPLOSION HAZARDS:** No unusual fire or explosion hazards noted.

SPECIAL FIREFIGHTING PROCEDURES: No data available

6. Accidental Release Measures

PERSONAL PRECAUTIONS: No data available

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANUP: Stop the flow of material, if this is without risk. Absorb with sand or other inert absorbent.

ENVIRONMENTAL PRECAUTIONS: Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water sources or sewer. Environmental manager must be informed of all major spillages.

7. Handling and Storage

HANDLING: Wear personal protective equipment.

SAFE HANDLING ADVICE: No data available

STORAGE: No data available

NFPA 30B: No data available

8. Exposure Controls/Personal Protection

Occupational exposure limits

U.S. - OSHA

Components	Type	Value	Form
Fatty Acids, C18-unsatd., Dimers (CAS 61788-89-4)	TWA	5 mg/m3	Respirable

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value	Form
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	PEL	5 mg/m3	Mist.
Distillates (petroleum), hydrotreated light naphthenic (CAS 64742-53-6)	PEL	2000 mg/m3 500 ppm 5 mg/m3	Mist
Paraffin oils (petroleum), catalytic dewaxed heavy (CAS 64742-70-7)	PEL	5 mg/m3	Mist.
Paraffin oils (petroleum), catalytic dewaxed light (CAS 64742-71-8)	PEL	5 mg/m3	Mist.
Petrolatum (CAS 8009-03-8)	PEL	5 mg/m3	Mist.

ACGIH

Components	Type	Value	Form
Fatty Acids, C18-unsatd., Dimers (CAS 61788-89-4)	STEL	10 mg/m3	Respirable
	TWA	5 mg/m3	Respirable

US. ACGIH Threshold Limit Values

Components	Type	Value	Form
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	TWA	5 mg/m3	Inhalable fraction.
Distillates (petroleum), hydrotreated light naphthenic (CAS 64742-53-6)	TWA	5 mg/m3	Inhalable fraction
n-Butyl stearate (CAS 123-95-5)	TWA	10 mg/m3	
Paraffin oils (petroleum), catalytic dewaxed heavy (CAS 64742-70-7)	TWA	5 mg/m3	Inhalable fraction.
Paraffin oils (petroleum), catalytic dewaxed light (CAS 64742-71-8)	TWA	5 mg/m3	Inhalable fraction.
Petrolatum (CAS 8009-03-8)	TWA	5 mg/m3	Inhalable fraction.

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value	Form
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	Ceiling	1800 mg/m3	
	STEL	10 mg/m3	Mist.
Paraffin oils (petroleum), catalytic dewaxed heavy (CAS 64742-70-7)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.
Paraffin oils (petroleum), catalytic dewaxed light (CAS 64742-71-8)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.
Petrolatum (CAS 8009-03-8)	STEL	10 mg/m3	Mist.

ENGINEERING CONTROLS: Provide adequate ventilation.

Personal Protection

EYE/FACE PROTECTION: Wear goggles/face shield.

SKIN PROTECTION: No data available

RESPIRATORY PROTECTION: In case of insufficient ventilation wear suitable respiratory equipment. Seek advice from local supervisor.

HYGIENIC PRACTICES: General industrial hygiene practice. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing to remove contaminants. Discard contaminated footwear that cannot be cleaned.

9. Physical and Chemical Properties

Appearance:

Physical State:	Solid
Form:	Solid
Color:	Red or Black
Odor:	No data available
Odor Threshold:	No data available
pH:	No data available
Freeze Point, °C:	No data available
Boiling Point, °C:	171
Flash Point, °C:	98
Flammability (solid, gas):	No data available
Evaporation Rate:	No data available
Combustibility:	Does not Support Combustion
Explosive Limits, %:	No data available
Vapor Pressure @20°C, PSI:	No data available
Vapor Density:	No data available
Relative Density:	0.924
Solubility in Water:	No data available
Partition Coefficient, n-octanol/water:	No data available
Auto-Ignition Temperature, °C:	No data available

Decomposition temperature, °C: No data available
Kinematic Viscosity: No data available

10. Stability and Reactivity

REACTIVITY: Not reactive under normal conditions of use.
STABILITY: Material is stable under normal conditions.
POSSIBILITY OF HAZARDOUS REACTIONS: No data available
CONDITIONS TO AVOID: Avoid heat or contamination
INCOMPATIBILITY: No data available.
HAZARDOUS DECOMPOSITION PRODUCTS: No data available

11. Toxicological Information

Information on Likely Routes of Exposure

SKIN CONTACT EFFECTS: May cause irritation on prolonged or repeated contact.
EYE CONTACT EFFECTS: May cause slight irritation with tearing.
INHALATION EFFECTS: Inhalation of high concentrations of mists may cause irritation of the nose throat and upper respiratory tract.
INGESTION EFFECTS: Aspiration into the lungs during ingestion or vomiting may cause serious lung damage which may be fatal.

Carcinogenicity: contains 2 components (Distillates (petroleum), Hydrotreated Heavy Naphthenic [<3% DMSO], Distillates, Petroleum, Hydrotreated Light Naphthenic) present at a level greater or equal to 0.1% that have been identified as possible carcinogenic to humans by IARC (Group 2B).

The following values are calculated based on chapter 3.1 of the GHS document. The product itself has not been tested.

ATE ORAL 5,051 mg/kg
ATE DERMAL 2,381 mg/kg
ATE INHALATION Not classified for acute toxicity based on available data.

Acute Toxicity Values

The acute effects of this product have not been tested. Data on individual components are tabulated below

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>Oral LD50</u>	<u>Dermal LD50</u>	<u>Vapor LC50</u>
64742-52-5	Distillates (petroleum), Hydrotreated Heavy Naphthenic [<3% DMSO]	5,000 mg/kg	2,000 mg/kg	100 mg/l
64742-53-6	Distillates, Petroleum, Hydrotreated Light Naphthenic	5,000 mg/kg	5,000 mg/kg	100 mg/l

N.I. = No Information

Skin Corrosion & Irritation:

Product: No data available

Serious Eye Damage & Irritation:

Product: No data available

Respiratory or Skin Sensitization:

Product: No data available

STOT-Single Exposure:

Product: No data available

STOT-Repeated Exposure:

Product: No data available

Aspiration Hazard:

Product: No data available

Components:

Distillates, Petroleum, Hydrotreated 64742-53-6 May be fatal if swallowed and enters airways.
Light Naphthenic

Carcinogenicity:

Product: No data available

Reproductive Toxicity:

Product: No data available

Germ Cell Mutagenicity:

Product: No data available

12. Ecological Information

ECOLOGICAL INFORMATION: No data available

PERSISTENCE: No data available

BIOACCUMULATE: No data available

MOBILITY IN SOIL: No data available

OTHER ECOLOGICAL: No data available

13. Disposal Information

DISPOSAL INFORMATION: Consult with your local, regional and federal agencies for information on proper disposal.

CONTAMINATED PACKAGING : Consult with your local, regional and federal agencies for information on proper disposal.

14. Transport Information

SPECIAL TRANSPORT PRECAUTIONS: No data available

DOT

UN Number: N/A
Proper Shipping Name: Not Regulated
Technical Name: N/A
Hazard Class(es)
Class: N/A
Subsidiary Risk: N/A
Packing Group: N/A

IATA

UN Number: N/A
Proper Shipping Name: Not Regulated
Technical Name: N/A
Hazard Class(es)
Class: N/A
Subsidiary Risk: N/A
Packing Group: N/A

IMDG

UN Number:	N/A
Proper Shipping Name:	Not Regulated
Technical Name:	N/A
Hazard Class(es)	
Class:	N/A
Subsidiary Risk:	N/A
Packing Group:	N/A

The classification shown in this section may be eligible for use of an exception, such as 'Limited Quantity', per the dangerous goods regulations. The shipper of this product should consult the applicable mode's regulation for the UN number displayed above to determine if any exceptions are available and may be utilized, at the shipper's discretion.

15. Regulatory Information

SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

No Sara 313 components exist in this product.

CHEMICAL INVENTORY STATUS:

TSCA	On or in compliance with the inventory
DSL	All ingredients in this product are listed on the DSL or are exempt.

CALIFORNIA PROPOSITION 65

 **WARNING:** Cancer - www.P65Warnings.ca.gov

16. Other Information

Revision Date: 11-01-2024 Creation date: 01-19-2023

Version# 03

Disclaimer The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. This information is accurate to the best of our knowledge or obtained from sources believed to be accurate. Before using any product, read all warnings and directions on the label. For further clarification of any information contained on this SDS consult your supervisor, a health & safety professional, or East Penn Manufacturing Company.

Legend

N/A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined, N.I. - No Information

TLV - Threshold Limit Values (TLVs®), as established by the American Conference of Governmental Industrial Hygienists (ACGIH®)

PEL - Permissible Exposure Limit, as established by the U.S. Occupational Safety and Health Administration (OSHA), as amended.

TSCA - U.S. Toxic Substance Control Act

DSL - Canada Environmental Protection Act: Domestic Substance List

This information is being provided in accordance with the Occupational Safety and Health Administration (OSHA) regulation (29 CFR 1910.1200). The information supplied is designed for workplaces where the product use and frequency of exposure exceeds that established for the labeled consumer use.

Further Information

This document has been prepared using data from sources considered to be technically reliable. It does not constitute a warranty, expressed or implied, as to the accuracy of the information contained herein. Actual conditions of use are beyond the manufacturer's and seller's control. Purchaser and user are responsible for determining the suitability of the product for a particular purpose, adopting precautions for the protection of property and persons, and compliance with all Federal, State, Provincial, and Local laws.