Safety Data Sheet

Issue date 03-Jan-2019 **Revision date** 03-Jan-2019 **Revision Number** 1

1. IDENTIFICATION

Product identification

Product identifier	Heat Shrink
Other means of identification	P32320
Recommended use	Electrical insulation tubing
Restrictions on use	For industrial use only

Supplier

Corporate Headquarters:
Lawson Products, Inc.
8770 W. Bryn Mawr Ave., Suite 900
Chicago, IL 60631
(866) 837-9908

Canadian Distribution Center:
Lawson Canada
7315 Rapistan Court
Mississauga, ON L5N 5Z4
(800) 323-5922

24 Hour Emergency Phone Number (888) 426-4851 (Prosar)

2. HAZARD(S) IDENTIFICATION

Hazard Classification While this material is not classified as hazardous under OSHA regulations, this SDS contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

Symbol Not applicable

Signal word Not applicable

Hazard statements Not applicable

Precautionary statements

Response Not applicable

Storage Not applicable

Disposal Not applicable

Hazard(s) Not Otherwise Classified (HNOC) Not applicable.

Physical Hazards Not Otherwise Classified (PHNOC) Not applicable.

Unknown acute toxicity Not applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

Composition This product is classified as an "article" according to Title 29 of the Code of Federal Regulations, OSHA Part 1910.1200. "Article means a manufactured item other than a fluid or particle, which is formed to a specific shape or design during manufacture which has end use function dependent in whole or in part upon its shape or design during end use, and which under normal conditions of use does not release more than very small quantities or trace amounts of a hazardous chemical, and does not pose a physical hazard or health risk to employees.".

4. FIRST-AID MEASURES

Necessary first-aid measures

Inhalation If fumes from reactions are inhaled, move to fresh air immediately. Seek medical attention.

Ingestion Drink 1 or 2 glasses of water. Seek medical attention.

Skin contact Wash with plenty of soap and water. Seek medical attention if irritation occurs.

Eye contact Flush with plenty of warm water for at least 15 minutes.

Most important symptoms (acute) Not available.

Most important symptoms (over-exposure) Not available.

Indication of any immediate medical attention and special treatment needed Not available.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media In case of fire: Use dry chemical, foam or water fog for extinction.

Unsuitable extinguishing media Not applicable.

Specific hazards Not applicable.

Special protective equipment for fire-fighters In the event of fire, wear self contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures The use of gloves and safety glasses is consistent with good manufacturing and hygienic practice. Do not breathe fumes produced during overheating or burning.

Methods and materials for containment and cleaning up Solid objects may be picked up and placed in a container. Make sure the solid objects are at room temperature before handling.

7. HANDLING AND STORAGE

Precautions for safe handling To avoid thermal decomposition, do not overheat. Avoid breathing dusts and fumes from burning materials.

Conditions for safe storage, including any incompatibilities Keep in a dry, cool and well-ventilated place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters Not applicable

Appropriate engineering controls Good general ventilation should be sufficient to control worker exposure to airborne contaminants. Use of local ventilation may be required where overheating is expected.

Individual protection measures, such as personal protective equipment

- **Eye protection** Wear safety glasses.
- **Skin and body protection** Protective gloves.
- **Respiratory protection** Ensure adequate ventilation, especially in confined areas.
- **Hygiene measures** Wash hands after handling the product.

Canadian Province Occupational Exposure Limits Not applicable

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state Solid

Color Various

Odor threshold Not applicable

pH Not applicable

Melting point/range °C Not available

Melting point/range °F Not available

Boiling point/range °C Not available

Boiling point/range °F Not available

Flash point °C / °F Not applicable

Evaporation rate Not applicable

Flammability (Solid, Gas) Not applicable

Lower explosion limit	Not available
Upper explosion limit	Not available
Vapor pressure	Not applicable
Vapor density	Not applicable
Relative density	1.2
Solubility	Insoluble in water
Partition coefficient (n-octanol/water)	Not applicable
Autoignition temperature °C	Product is not self-igniting
Autoignition temperature °F	Product is not self-igniting
Decomposition temperature °C	Not available
Decomposition temperature °F	Not available
Viscosity	Not applicable

10. STABILITY AND REACTIVITY

Reactivity	Not applicable.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	Not available.
Conditions to avoid	Possible decomposition if exposed to elevated temperatures.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	Oxides of carbon. Nitrogen oxides (NOx). Acetic acid. Acid aldehydes. Vinyl acetate. Trace quantities of organic arsenic compounds. Ammonia. Halogenated compounds. Hydrocarbons. During combustion asphyxiants may be formed.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure	Not applicable.
Symptoms	No information available.
Delayed and immediate effects as well as chronic effects from short and long-term exposure	No known significant effects or critical hazards.
Numerical measures of toxicity	Not available
ATEmix (dermal)	Not available

ATEmix (oral)	Not available
ATEmix (inhalation-gas)	Not available
ATEmix (inhalation-vapor)	Not available
ATEmix (inhalation-dust/mist)	Not available
Carcinogenicity	Not available
Canadian Province carcinogenicity limits	Not available

12. ECOLOGICAL INFORMATION

Ecotoxicity	Not available
Persistence and degradability	Not available.
Bioaccumulation	Not available
Mobility in soil	Not available.
Other adverse effects	Not available

13. DISPOSAL CONSIDERATIONS

Disposal information	Dispose of all product, residues and clean-up materials in accordance with local, state, and federal regulations.
Contaminated packaging	Dispose in accordance with local, state and federal regulations.

14. TRANSPORTATION INFORMATION

Shipping Descriptions

DOT
Proper shipping name Not regulated

TDG
Proper shipping name Not regulated

IATA
Proper shipping name Not regulated

IMDG/IMO
Proper shipping name Not regulated

Marine Pollutants

Special Precautions Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

15. REGULATORY INFORMATION

State regulations

U.S. state Right-to-Know Not Listed

regulations

California Prop. 65 Not Listed

U.S. Federal Regulations

US EPA SARA 313 This product contains no listed chemicals subject to reporting

US EPA SARA 311/312 hazardous categorization Not applicable

16. OTHER INFORMATION

NFPA

Health	Not available
Flammability	Not available
Instability	Not available
Specific hazard	Not available

HMIS

Health	Not available
Flammability	Not available
Physical hazards	Not available

Notice: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks Although HMIS® ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA).

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Revision note

Key to abbreviations

ACGIH (American Conference of Governmental Industrial Hygienists)
ATE (Average Toxicity Estimate)
DSL/NDSL (Domestic Substance List/Non-Domestic Substance List)
HMIS (Hazardous Materials Identification System)
IARC (International Agency for Research on Cancer)
IATA (International Air Transport Association)
IMDG/IMO (International Maritime Dangerous Goods/International Maritime Orgnaization)
NFPA (National Fire Protection Association)
NTP (National Toxicology Program)
OEL (Occupational Exposure Level)
OSHA (Occupational Safety and Health Administration of the US Department of Labor)
PEL (Permissible Exposure Limit)
TSCA (Toxic Substance Control Act)
USEPA (United States Environmental Protection Agency)

Disclaimer

The information accumulated herein is believed to be accurate, but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.

End of Safety Data Sheet