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Ladd Catalog Numbers:
14515, 14516

SAFETY DATA SHEET

Product: 559
Revision Date: 5/8/2023

1. MATERIAL IDENTIFICATION

Product Name: Wafer-Mount 559
Product Description: Single-Sided Polyester Adhesive Film
Manufacturer: Aremco Products, Inc.
707-B Executive Blvd.
Valley Cottage, NY 10989
Telephone: 845-268-0039
Emergency Phone: 845-268-0039 or Infotrac (24/7) 800-535-5053

2. HAZARDS IDENTIFICATION

GHS Classification:
Non-Hazardous

GHS Label Elements:
None

GHS Signal Word:
None

GHS Hazard Determining Component:
None

GHS Hazard Statements for Health Hazards:
None

GHS Precautionary Statements - Prevention:
None

GHS Precautionary Statements - Response:
None

GHS Storage/Disposal:
None

3. COMPOSITION

Chemical Name	CAS No.	EC No.	Concentration	GHS Product Identifier
Polyethylene Terephthalate (PET) *	Not Determined	Not Determined	100.0%	None

* This material is not a "health hazard" as defined under the OSHA Hazard Communication Standard, 29 CFR 1910.1200 or S.A.R.A. Title III, Section 313. This material is considered an "article" under OSHA and TSCA standards.

4. FIRST AID MEASURES

Eye Exposure: Not applicable.
Skin Exposure: Not applicable
Inhalation: Not applicable
Ingestion: Not applicable
Medical Conditions Possibly Aggravated by Exposure: None

5. FIRE FIGHTING MEASURES

Flash Point: Not applicable. Films can be combusted only by remaining in contact with flame. If flame source is stationary, the film will shrink away and self-extinguish. Film remaining in contact with flame can continue to burn slowly, dropping flaming liquid that can spread the fire.
Flammable Limits: This material is non-combustible.
Extinguishing Media: Carbon dioxide, water spray, foam, or dry chemical.
Special Fire Fighting Procedures: Firefighters should wear NIOSH/MSHA approved positive pressure breathing apparatus with full face-piece and full chemical resistant protective clothing.
Unusual Fire and Explosion Hazards: None.

6. ACCIDENTAL RELEASE MEASURES

Personal Protection: Not applicable.
Spill Cleanup: Not applicable.

7. HANDLING AND STORAGE

Handling: Avoid extremes in high temperatures that may cause melting of the product.
Storage: Store away from heat and sources of ignition. Do not store in direct sunlight. Avoid prolonged storage in high or low temperatures. Recommend storage temperatures are 20 to 100 °F.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name	CAS No.	EC No.	TLV (mg/m ³)	PEL (mg/m ³)
Polyethylene Terephthalate (PET)	Not Determined	Not Determined	Not Established	Not Established

Engineering Controls: Not applicable.
Respiratory Protection: Not applicable.
Skin Protection: Wearing gloves may be required due to sharp edges and when film is in the molten phase.
Eye Protection: Safety glasses are recommended.
Work/Hygienic Practices: This product requires no special precautions. Use normal personal hygiene and good housekeeping when handling this material.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and chemical here represent typical properties of this product. Contact Technical Sales for exact specifications.

Appearance: Solid Adhesive Film with Paper Backing
Color: Transparent
Odor: Odorless
Specific Gravity, g/cc 1.0-1.2
Water Solubility: Insoluble
Melting Point: > 212 °F
Evaporation Rate (Water=1): Not applicable
Vapor Pressure: Not applicable
Vapor Density (Air=1): Not applicable

10. STABILITY AND REACTIVITY

Chemical Stability: This material is stable under all conditions of use and storage.
Conditions to Avoid: Avoid extremes in high temperatures that may cause melting of the products.
Materials to Avoid: Very reactive chemicals (strong acids).
Hazardous Decomposition Products: Thermal decomposition may generate carbon monoxide, carbon dioxide, and various hydrocarbons.
Hazardous Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity Data: No hazard in normal industrial use.
Chronic Toxicity Data: This product is considered non-hazardous and has no known chronic effects.

12. ECOLOGICAL INFORMATION

Toxicity: Not expected to be harmful to the environment.
Aquatic Toxicity: No information available.
Persistence & Degradability: Not biodegradable.
Bioaccumulative Potential: No information available.
Mobility in Soil: No information available.
Additional Ecological Information: No information available.

13. DISPOSAL CONSIDERATIONS

Disposal Method: Dispose of as harmless waste in accordance with federal, state and local regulations and permits.

14. TRANSPORTATION INFORMATION

DOT UN Status: The material is not a regulated hazardous material for transportation.

15. REGULATORY INFORMATION

U.S. Federal Regulations

CERCLA: No CERCLA reportable quantity has been established for this material.

TSCA: All ingredients of this material are listed on the TSCA inventory.

SARA Title III

Sections 302, 304, 313: This product does not contain any substances reportable under these sections.

Sections 311, 312:

Hazard Classes	Yes/No
Fire Hazard	No
Reactivity Hazard	No
Pressure Hazard	No
Immediate Hazard	No
Delayed Hazard	No

International Inventory	Status
Canada (DSL)	Yes
Europe (EINECS/ELINCS)	Yes
Australia (AICS)	Yes
Japan (MITI)	Yes
South Korea (KECL)	Yes

16. OTHER INFORMATION

NFPA Ratings (scale 0 – 4)	Health, 1 Flammability, 0 Reactivity, 0 Personal Protection, C	
HMIS Ratings (scale 0 – 4)	Health, 1 Flammability, 0 Reactivity, 0 Personal Protection, C	

Key Legend Information

ACGIH	American Conference of Governmental Industrial Hygienists
ARD	International Agency for Research on Cancer
CAS	Chemical Abstract Service
CERCLA	Comprehensive Environmental Response, Compensation & Liability Act
DSL	Domestic Substance List
HMIS	Hazardous Materials Identification System
ND	Not Determined
NE	Not Established
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety & Health
NTP	National Toxicology Program
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
RTECS	Registry of Toxic Effects of Chemical Substances
SARA	Superfund Amendments & Reauthorization Act
SARA Title III	Emergency Planning & Community Right to Know Act
SARA Section 302	Extremely Hazardous Substances
SARA Section 304	Emergency Release
SARA Section 311	MSDS/List of Chemicals & Hazardous Inventory
SARA Section 312	Emergency & Hazardous Inventory
SARA Section 313	Toxic Chemicals & Release Reporting
STEL	Short Term Exposure Limit
TLV	Threshold Limit Value
TWA	Time Weighted Average

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