

SAFETY DATA SHEET

Ladd Catalog Numbers:
14520, 14521

Product: 562
Revision Date: 5/8/2023

1. MATERIAL IDENTIFICATION

Product Name: Wafer-Mount 562
Product Description: Thermoplastic Heat Activated Adhesive Film
Product Use: Mounting Adhesive
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:
None

GHS Symbol:
No Pictogram Required

GHS Signal Word:
None

GHS Hazard Determining Component:
None

GHS Hazard Statements:
None

GHS Precautionary Statements - Prevention:
None

3. COMPOSITION

Chemical Name	CAS No.	EC No.	Concentration	GHS Product Identifier
Polyethylene & Ethylene Vinyl Acetate	24937-78-8	Not Determined	100.0%	None

4. FIRST AID MEASURES

Eye Exposure: Immediately rinse out thoroughly for at least 10 minutes with lids apart with plenty of clean water. If symptoms occur, consult a doctor after eye contact.

Skin Exposure: Not harmful. Wash hands with soap and water after use. In case of contact with molten product cool off rapidly with cold water. Do not pull solidified product off the skin.

Inhalation: Do not breath fumes in case of fire. If overwhelmed by fumes, remove from immediate source of exposure and assure that victim is breathing. If not breathing, administer cardio-pulmonary resuscitation (CPR). If breathing is difficult, administer oxygen if available. Seek medical attention.

Ingestion: Not applicable.

Medical Conditions Possibly Aggravated by Exposure: None.

5. FIRE FIGHTING MEASURES

Extinguishing Media: Carbon dioxide, water spray jet, 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. Fired may be spread by melting and drops of the material.
Unusual Fire and Explosion Hazards: None.

6. ACCIDENTAL RELEASE MEASURES

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

7. HANDLING AND STORAGE

Handling: Wear protective gloves to avoid cutting. Take action against electrostatic charging. Caution should be exercised if the product is heated to avoid burns due to contact with the hot material. All polymers are broken down to a certain extent at their processing temperature. This effect increases as the temperatures rises. Before the melting point is reach, the untreated film begins to contract, the extent of the contraction depending on the time and temperature. The precise quantity and nature of the breakdown products depends on the temperature, oxygen supply and process conditions. Ensure adequate ventilation at the processing machines.
Storage: Store in a dry area that is < 90 °F. Protect against moisture.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters: **Components with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Chemical Name	CAS No.	EC No.	PEL (mg/m ³)	TLV (mg/m ³)
Aluminum Oxide	1344-28-1	215-691-6	10	15

Respiratory Protection: Not applicable.
Skin Protection: Protective gloves made of leather.
Eye Protection: Goggles.
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 detailed specifications.

Appearance: Adhesive Film
Color: Translucent White
Odor: Odorless
Specific Gravity, g/cc 0.92-0.93
pH Value: Not applicable
Water Solubility: Insoluble
Melting Point: 167-216 °F
Flash Point: > 250 °F
Explosion Limits: Lower: Not applicable; Upper: Not applicable.
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: > 250 °C Incipient decomposition.
Materials to Avoid: None known.
Hazardous Decomposition Products: Thermal decomposition may generate carbon monoxide, carbon dioxide, and water vapor and combustion products (oxidized and no9n-oxidized hydrocarbons).

11. TOXICOLOGICAL INFORMATION

Acute Toxicity Data:

Skin Contact:

Not applicable.

Eye Contact:

Combustion products can irritate the eyes.

Inhalation:

Combustion products can irritate the respiratory tract.

12. ECOLOGICAL INFORMATION

General:

The polymer behaves inertly. The material is slowly broken down by UV light.

13. DISPOSAL CONSIDERATIONS

Disposal Method:

Dispose in accordance with federal, state and local regulations and permits.

Evaporate water from sol and dispose of the solids in a landfill.

14. TRANSPORTATION INFORMATION

DOT UN Status:

This 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, 1
 Reactivity, 0
 Personal Protection, G



HMIS Ratings (Scale 0–4)

Health, 1
 Flammability, 1
 Reactivity, 0
 Personal Protection, G



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
EC	European Commission
HMIS	Hazardous Materials Identification System
IARC	International Agency for Research on Cancer
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
RE	Repeat Exposure
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
SE	Single Exposure
STEL	Short Term Exposure Limit
STOT	Specific Target Organ Toxicity
TLV	Threshold Limit Value
TWA	Time Weighted Average

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