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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>EC No.</th>
<th>Concentration</th>
<th>GHS Product Identifier</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyethylene &amp; Ethylene Vinyl Acetate</td>
<td>24937-78-8</td>
<td>Not Determined</td>
<td>100.0%</td>
<td>None</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>EC No.</th>
<th>PEL (mg/m³)</th>
<th>TLV (mg/m³)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminum Oxide</td>
<td>1344-28-1</td>
<td>215-691-6</td>
<td>10</td>
<td>15</td>
</tr>
</tbody>
</table>

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
      - 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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