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| U.S. DEPARTMENT OF LABOR |
| OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION |
| MATERIAL SAFETY DATA SHEET |
| REQUIRED UNDER USDL SAFETY AND HEALTH REGULATION FOR SHIP REPAIRING, SHIPBUILDING, AND SHIPBREAKING (29 CFR 1915, 1916, 1917) |

Identity (As used on label and list): **Carton Sealing Tape**

Section I

| | |
|--|---|
| Manufacturer's Name: AA Thread Seal Tape, Inc. | Emergency Telephone Number 800-537-7139 |
| Address : 1275 Kyle Court Wauconda, IL 60084 | Telephone Number for Information 847-526-2120 |
| | Date Prepared: 8/5/02 |
| | Signature of Preparer (Optional) |

Section II- Hazardous Ingredients/ Identity Information

| Hazardous Components (Specific Chemical Identity: Common Name(s)) OSHA PEL ACGIH TLV Other Limits | | |
|---|-------|------------------------|
| Chemical Name | % | CAS No. or Notes |
| Acrylic Adhesive | 45-55 | |
| Biaxial Orientated Polypropylene Film | 45-55 | [25085-53-4] |
| Ethyl Acetate | 0.5 | [141-78-6] |
| Lead Compound | N/A | Detection Limit: 1 PPM |
| Cadmium Compound | N/A | Detection Limit: 1 PPM |
| Mercury Compound | N/A | Detection Limit: 1 PPM |
| Chromium Compound | N/A | Detection Limit: 1 PPM |

Section III- Physical / Chemical Characteristics

| | | | |
|-------------------------------|-----|--|---------------|
| Boiling Point | 1.0 | Specific Gravity (H₂O=1) | 1.0 |
| Vapor Pressure (mm Hg) | N/A | Melting Point | 100 C |
| Vapor Density (Air=1) | N/A | Reactivity in Water | None |
| Solubility in Water | N/A | Appearance and Odor | Solid Product |

Section IV- Fire and Explosion Hazard Data

| | | | |
|--|------------------------------|-----|-----|
| Flash Point (Method Used): N/A (ASTMD-1929) | Flammable Limits: N/A | LEL | UEL |
|--|------------------------------|-----|-----|

Extinguishing Media: Water, Dry Chemical Foam, CO2

Special Fire Fighting Procedures:

Wear self contained breathing apparatus and protective clothing to prevent smoke contact with skin

Unusual Fire and Explosion Hazards: Any paper and adhesive can be forced to burn by continous application of intense

Section V - Reactivity Data

| | | |
|------------------|---------------|--|
| Stability | Unstable | Conditions to Avoid Heating above 750F for prolonged periods of time |
| | Stable X | |

Incompatibility (Materials to Avoid): N/A

Hazardous Decomposition of By-Products :N/A

| | | |
|-----------------------|---------------------|---------------------------------|
| Hazardous | May Occur | Conditions to Avoid: N/A |
| Polymerization | Will Not Occur X | |

Section VI - Health Hazard Data

Acute: N/A

Chronic: N/A

Signs and symptoms of Exposure:N/A

Medical conditions generally aggravated by exposure: N/A

Emergency and first aid procedures: In case of fire use extinguishing media like water, Dry Chemical Foam, or CO2

Section VII- Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled

N/A

Waste Disposal Method

No chlorine composition in this product, use approved disposal methods as recommended by the state and local agencies

Precautions to Be Taken in Handling and Storing

Store in cool, dry, well ventalated area away from flammable materials or sources of heat and flame risk of electrostatic when unrolled from reels

Other Precautions

None

Section VIII- Control Measures

Respiratory Protection (Specify Type): Not Needed

| | | |
|-------------|--|--------------------------|
| Ventilation | Local Exhaust: not needed | Special: N/A |
| | Mechanical (General): recommended | Other: not needed |

| | |
|--------------------------------------|------------------------------------|
| Protective Gloves: Not needed | Eye Protection: recommended |
|--------------------------------------|------------------------------------|

Other Protective Clothing or Equipment: Not needed

Work/Hygenic Practices: None
