



Date: 09/18/2014

Prepared by John Hill. Hill Industries certifies that all components of C-Clad foil are listed on the U.S. T.S.C.A inventory.

SECTION I Product Identification

Trade name: C CLAD H, J, M, N, T, & B 250/350-002.

Product Class: Aluminum foil with elastomer coating.

Formula: N/A.

Composition: Aluminum Alloy 1145 or 1235 - > 97 % W
Elastomer coating - < 3 % W

SECTION 2 Hazardous Ingredients

None.

SECTION 3 Physical Data

Aluminum Foil: Solid: M.P. 440-1215 F
Sp. Gr. 2.5: Water Solubility Nil.

Coating: N/A Solid.

Water Solubility Nil.

Sp. Gr.: N/A.

B.P. : N/A.

Vapor Pressure: N/A.

Vapor Density: N/A.

% Volatiles: Zero.

Evaporation Rate: N/A.

Color: Black and reflective or dull aluminum.

Odor: None.

SECTION 4 Fire and Explosion Hazard Data

Flash Point: N/A.

Flammable Liquids: N/A. Rubber is flammable when exposed to fire.



Extinguishment of flammability: CO₂, foam, dry chemical, water or halon. No explosion hazard. Hazardous combustion products include carbon monoxide, halogenated byproducts and oxides of sulfur.

Firefighting procedures: Full protective equipment including self-contained breathing apparatus should be used.

Unusual Fire Hazards: Overexposure to decomposition products may cause health hazard.

SECTION 5 Reactivity Data

Product is stable. Spontaneous polymerization will not occur. Elastomeric coating polymerizes on exposure to heat above 200 F. Decomposition products include oxides of sulfur and halogenated byproducts. When product is used in accordance with supplier use instructions and customer applicable specifications the reactivity or decomposition products are not released from the article being fabricated.

Aluminum is reactive with strong acids, bases, amines, phenols, aldehydes, halogens, and anhydrous bromine.

Decomposition of aluminum results in hydrogen, which is explosive and flammable.

SECTION 6 Toxicological and Health Hazard Properties

Ingestion: Not likely.

Skin absorption: None.

Inhalation during storage and handling: None.

Inhalation of vapors from decomposed coating should be avoided.

Acute exposure: Inhalation can cause cyanosis. Irritation of the respiratory tract or acute nervous system depression, characterized by progressive headaches, dizziness, unconsciousness or coma.

Skin: Irritation and cyanosis. Eyes: Corneal vacuolization. Chronic: Not known.

The oxides of sulfur



upon decomposition of the coating are obvious by odor and continuous exposure is not voluntary. Emergency and first aid procedures are to remove person to fresh Air; treat symptomatically, bronco-dilators: call physician.

SECTION 7 Spill or Leak Procedures and Preventive Measures

Spill and Leak: N/A.

Personal protective equipment to be used: None in normal handling.

Specific engineering controls: None.

Waste Disposal: Locally approved methods for non-toxic materials and Federal Regulation 40 CFR Part 261.

Handling Procedures & Equipment: No special requirements.

Special Storage requirements: Store at ambient temperatures.

No special requirements.

Shipping information: No special requirements.

SECTION 8 Special Protection Information

Respiratory Protection: None during use.

Ventilation: Local exhaust for curing ovens and presses.

Not necessary when used in accordance with supplier use instructions or customer specification for use.

Mechanical (Gen.): Use good industrial hygiene and ventilation.

Protective gloves: Cotton to prevent cuts from foil.

Eye protection: Safety glasses to prevent cuts from foil.

Other protective equipment: None required.

SECTION 9 First Aid Measures and Special Precautions

Special precautions: Include non-exposure of foil to high temperatures except in accordance with supplier use instructions and customer specifications.

First aid: In event of accidental fire or exposure to high temperatures includes removal of exposed person(s) to fresh air; treat symptomatically bronco-dilators. Call physician.