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Aremco Products, Inc. - Crystalbond 509 MSDS

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Product: Washaway Adhesive

(1) Identification

Identity Crystalbond 509

(2) Ingredients (Inert and Hazardous)

Phthalic Anhydride C.A.S. # 25610-19-9
ACGIH TLV - 1 ppm
OSHA PEL - 1 ppm

Ethylene Glycol C.A.S. # 107-21-1
ACGIH TLV - 50 ppm
OSHA PEL - 50 ppm

Health: 0

Flammability: 0

Reactivity: 0

(3) Physical Data

Boiling Point >300 °F (starts to decompose)

Melting Point 225 °F

Evaporation Rate Nil

Solubility in Water Nil

V.O.C. content 0.705 gm/ltr (calculated)

Appearance Clear or clear amber solid

Specific Gravity 1.35

Vapor Pressure 1.05

Vapor Density >1.0

Odor None

(4) Fire and Explosion Data

Flash Point >505 °F

Lower / Upper Explosive Limit N/A

Extinguishing Media Foam, carbon dioxide, dry powder.

Special Fire Fighting Procedures Do not use water.

Unusual Fire and Explosion Data N/A

(5) Health Hazard Data

Effects of Overexposure

Inhalation N/A

Dermal Exposure If material is in molten state, exposure to skin will cause a severe thermal burn.

Eye Irritation N/A

Ingestion N/A

Emergency and First-Aid Procedures

Eyes	Flush with copius amount of water. If irritation occurs, get medical attention.
Skin	Treat for thermal burn. See a physician.
Ingestion	N/A
Inhalation	N/A

(6) Reactivity Data

Hazardous Polymerization	Will not occur
Hazardous Decomposition	Carbon monoxide, carbon dioxide.
Stability	Stable
Conditions to Avoid	Excessive heat, sparks, open flames.

(7) Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled	If material is unusable, sweep up and dispose of in a metal container. Provide adequate ventilation. Avoid excessive heat, sparks, open flames.
Waste Disposal Method	Dispose of in accordance with local, state, and federal regulations.
Precautions to be taken in handling and storage	Avoid excessive heat, sparks, open flames.

(8) Special Protection Information

Use NIOSH approved mist respirator where spray occurs. Use of rubber gloves and chemical goggles is recommended. Good industrial hygiene practice requires that employee exposure be maintained below the recommended TLV. This is preferably achieved through the provision of adequate ventilation where necessary. Where dust cannot be controlled in this way, personal respiratory protection should be employed.

(9) Disclaimer of Liability

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