



MSDS

MATERIAL SAFETY DATA SHEET *Fibred Aluminum Coating 110*

SECTION 1: MANUFACTURER IDENTIFICATION

Manufacturer's Name: American WeatherStar
Address: PO Box 6256
Mobile AL 36660

Emergency Telephone: INFOTRAC— 800/535-5053

PRODUCT NAME: Fibred Aluminum Coating 110

NFPA Hazard Ratings: Health 1
Flammability 2
Reactivity 1
Personal Protection G

DEGREE OF HAZARD: 4=EXTREME 3=HIGH 2=MODERATE 1=SLIGHT 0=INSIGNIFICANT

SECTION 2: HAZARDOUS INGREDIENTS/SARA III INFORMATION

Reportable Components	Cas Number	TLV Ppm	TLV Mg/M3	Vapor Pressure mm Hg @ Temp	Weight Percent
Mineral Spirits	8052-41-3	100		2 60 F	38
Mica	12001-26-2			N/A N/A	18
Aluminum Paste	MIXTURE	100		10 77F	13
Petroleum Asphalt	8052-42-4		5.0	N/A N/A	29

There are no SARA 313 ingredients in this material in excess of de minimus amounts.

SECTION 3: PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE: 310-400 F

SPECIFIC GRAVITY (H₂O=1): 1.10

VAPOR DENSITY: Heavier Than Air

EVAPORATION RATE: Slower Than Ether

COATING V.O.C. g/l: 420

SOLUBILITY IN WATER: Insoluble

APPEARANCE AND ODOR: Black asphalt/aluminum with a mineral spirit odor.



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SECTION 4: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 105 F

DOT CATEGORY: Combustible Liquid NA1993

METHOD USED: SETA

FLAMMABLE LIMITS IN AIR BY VOLUME: LOWER: 0.9 UPPER: 6.0

EXTINGUISHING MEDIA: Foam, CO₂, Dry Chemical

SPECIAL FIREFIGHTING PROCEDURES: Water may be used to cool closed containers, to prevent pressure build-up.

UNUSUAL FIRE AND EXPLOSION HAZARDS: DO NOT USE A WATER HOSE STREAM, DO NOT USE HALOGENATED EXTINGUISHING AGENTS, on product where the aluminum flake has started to burn. Dry aluminum flake will react with water and acids to form hydrogen gas and heat.

SECTION 5: REACTIVITY DATA

STABILITY: Stable.

CONDITIONS TO AVOID: Heat, sparks, flames, static electricity.

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Normal combustion products including CO₂, CO, and various hydrocarbon fragments.

HAZARDOUS POLYMERIZATION: Will not occur.



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SECTION 6: HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Can cause dizziness, headaches, loss of appetite, nausea, and possibly nose, throat and mucous membrane irritation. The solvents can effect the central nervous system, including general weakness, loss of memory, jitters, unconsciousness or effects mimicking drunkenness.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Prolonged or repeated contact with the product can cause drying and irritation. May cause severe irritation, redness, tearing and blurred vision.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Prolonged or repeated skin contact with this product may result in irritation and dermatitis.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: May cause mouth, throat, and gastrointestinal tract irritation, nausea, vomiting and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC): Aspiration of the mineral spirits portion of this product into the lungs can cause severe chemical pneumonitis which may be fatal.

* This product contains Bitumen a chemical known to the State of California to cause cancer or reproductive toxicity.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Persons with a pre existing central nervous sytem disease, chronic skin or respiratory disorders may be at increased risk for worsening their conditions from exposure to this product.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Move individual to fresh air immediately. If breathing is difficult or if irritation persists, administer oxygen. If not breathing, administer artificial respiration. Seek medical attention.

SKIN: Clean exposed skin with waterless hand cleaner, then wash with mild soap and water. Note: Skin contact with clothing saturated in mineral spirits can cause seconed degree burns. Contaminated clothing should be removed immediately and excess material wiped from skin. Wash with mild soap and water. Seek medical attention if irritation persists.

EYE CONTACT: Immediately flush eyes with running water for at least 15 minutes. Seek medical attention immediately.

INGESTION: DO NOT INDUCE VOMITING! Prevent aspiration. Aspiration of material into lungs due to vomiting can cause severe chemical pneumonitis, which can be fatal. Seek immediate medical attention. NOTE TO PHYSICIAN: Perform gastric lavage in accordance with procedures for ingestion of petroleum products.



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SECTION 7: PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Prevent material from entering sewers or waterways. Remove all source of ignition (flames, hot surfaces, and electric, static, or frictional sparking sources). Ventilate area. Absorb with inert materials such as vermicullite or sand.

WASTE DISPOSAL METHOD: Dispose in accordance with local, state, and federal regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Material is combustible! Vapors of mineral spirits are heavier than air and may travel along the ground or be moved by ventilation to locations distant from the point of material handling. To prevent ignition, avoid smoking, keep away from heat, open flames, and sources of static or electrical sparking.

OTHER PRECAUTIONS: Keep closure tight and container upright to prevent leakage. Keep out of the reach of children.

SECTION 8: CONTROL MEASURES

RESPIRATORY PROTECTION: If spray mists are generated, wear NIOSH approved particulate respirator.

VENTILATION: Use local exhaust if conditions exist that permit high vapor concentration.

PROTECTIVE GLOVES: Use chemical-resistant gloves when there could be direct contact.

EYE PROTECTION: Wear safety eyewear

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Use chemical resistant apron or other impervious clothing, if needed, to avoid contaminating regular clothing which could result in prolonged or repeated skin contact.

WORK/HYGIENIC PRACTICES: Minimize breathing vapor or mist. Avoid prolonged or repeated contact with skin. Remove contaminated clothing; launder or dry clean before reuse. Remove contaminated shoes and thoroughly clean and dry before reuse. Cleanse skin thoroughly after contact, before breaks and meals, and at end of work period. Product is removed from skin by waterless hand cleaners followed by washing thoroughly with soap and water.



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SECTION 9: DISCLAIMER

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