

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION

Product Identification Code Number: 5180
Product Name: #5180 Energy Saver Aluminum Coating
Generic Identification: Asphaltic Aluminum Roof Coating
Vendor: TRUCO, Inc.
4301 Train Ave.
Cleveland, OH 44113

Telephone Number: 1 (800) 227-4569

CHEMTREC: 1 (800) 424-9300 "ONLY IN THE EVENT OF CHEMICAL EMERGENCIES INVOLVING A SPILL, LEAK, FIRE, EXPOSURE, OR ACCIDENT INVOLVING CHEMICALS"

Hazard Class: ANSI = HEALTH: 2 FIRE: 2 REACTIVITY: 1 FOURTH DIAMOND: Use no water, ANSI
Hazard Class: HMIS = HEALTH: 2 FIRE: 2 REACTIVITY: 1 FOURTH DIAMOND: C

SECTION II - HAZARDOUS COMPONENTS

Table with 6 columns: INGREDIENT, CAS NO., OSHA PEL, ACGIH TLV, OTHER LIMITS RECOMMENDED, % (optional). Rows include Mineral Spirits, Aromatic Petroleum Distillates, Petroleum Asphalt, and Aluminum Pigment.

*This product is a liquid and is not dusty. It is not intended to be heated, so fumes will not be generated.

** As dust. This product is a paste and is not dusty.

This product contains one or more materials which may be subject to the reporting requirements of SARA Title III and of 40 CFR 372.

Further detail on contents is confidential. Any hazards are included in this MSDS.

IARC has listed some asphalts and solvent extracts of asphalt as capable of causing skin cancer in experimental animals. Whether or not petroleum asphalt can cause cancer in humans is not known.

SECTION III - PHYSICAL DATA

Boiling Point: 305-390°F (solvent) Vapor Pressure (mm Hg): Less than 10 mmHg (solvent)
Melting Point: N/D Specific Gravity (H2O = 1): .94
Solubility in Water: Insoluble Appearance and Odor: Liquid Aluminum, mild petroleum odor
Vapor Density (AIR = 1): Approx. 4.8 (solvent) Evaporation Rate: N/D

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Closed Cup): 105-120°F (solvent) Hazard Class: Flammable Liquid
Explosive Limits: Lower: 0.7% - Upper: 6.0% (solvent)

Extinguishing Media: Foam, carbon dioxide, dry chemical.

Special Fire Fighting Procedures: Do not direct water on substance. Treat as a fuel oil fire. Water can be used to cool closed containers. In a sustained fire, use NIOSH approved self-contained breathing apparatus.

Unusual Fire and Explosion Hazards: Combustible material: may be ignited by heat, sparks, or flames. Vapors may travel to source of ignition and flash back. Container may explode in heat and fire. All containers should be grounded/bonded when material is transferred.

DATE PREPARED/REVISED: 03/21/03

PREPARED/REVISED BY: E.H.

N/A = Not Applicable

N/D = No Data Available

N/E = None Established

SECTION V - REACTIVITY DATA

Stability: Stable Hazardous Polymerization: Will not occur.
Conditions to Avoid: Avoid contact with water - reaction generates hydrogen.
Hazardous Decomposition or Byproducts: Carbon monoxide, carbon dioxide, various hydrocarbon fragments.

SECTION VI - HEALTH HAZARD DATA

Route(s) of Entry: Inhalation? YES Skin? YES Ingestion? YES Eyes? YES
Health Hazards (Acute and Chronic): Possible Irritant. Acute toxicity rating: 1-Possible slight, reversible w/in 7 days.
Carcinogenicity: NTP? NO IARC Monographs? YES OSHA Regulated? NO
Signs and Symptoms of Exposure: Exposure to material or vapor may cause irritation and/or redness to eyes, skin, and respiratory tract. Ingestion may cause irritation nausea and vomiting. Aspiration of material into lungs may cause chemical pneumonitis.

Medical Conditions Generally Aggravated by Exposure: Preexisting eye, skin, respiratory disorders may be aggravated by exposure to this product.

Emergency and First Air Procedures: Eye Contact: Flush with clean water for 15 min., seek medical attention.

Skin Contact: Remove contaminated clothing, wash with soap and water.

Inhalation: Remove victim to fresh air, if breathing is difficult administer oxygen, if breathing has stopped, administer artificial respiration. Seek medical attention.

Ingestion: Do not induce vomiting. Contact poison control center, seek medical attention.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled: Eliminate sources of ignition. Ventilate area if necessary. Dike and contain spill with inert material (e.g. clay, sand, earth). Prevent material from entering sewers or waterways. Recover free liquid. Transfer absorbed material into non-leaking, sealable containers for proper disposal.

Waste Disposal Method: Dispose of in accordance with Federal, State, County, and Local regulations. Material is RCRA regulated waste. EPA hazardous waste number: D001 - Ignitable.

Precautions in Handling and Storage: Keep away from sources of ignition. Use only with adequate ventilation. Avoid prolonged or repeated contact with skin. Follow "Special Protection Information".

Other Precautions: Hazard Class...Combustible Liquid. KEEP OUT OF REACH OF CHILDREN

SECTION VIII - CONTROL MEASURES

Respiratory Protection: Normally not required in ventilated areas. If TLV is exceeded a NIOSH/MSHA approved breathing apparatus is recommended. (Contact safety equipment supplier)

Ventilation: If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits, additional ventilation or exhaust systems may be required.

Protective Gloves: Solvent resistant gloves.

Eye Protection: Wear safety glasses, chemical goggles, or face shield.

Other Protective Clothing or Equipment: Long pants and long sleeved shirts are recommended to reduce material contact with skin. Shoes with non-skid soles are also recommended.

Work/Hygienic Practices: Always follow good housekeeping practices. Avoid contact with surfaces where material will not be applied.

INFORMATION PRESENTED HEREIN HAS BEEN COMPILED FROM SOURCES CONSIDERED TO BE RELIABLE AND IS ACCURATE AND RELIABLE TO THE BEST OF OUR KNOWLEDGE AND BELIEF BUT IS NOT GUARANTEED TO BE SO.