



FBC Chemical Corp.

Asphalt Products Division

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Revision Date: 02/23/2000
For chemical emergencies, call Chemtrec:
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MATERIAL SAFETY DATA SHEET

Product Names: Extra-Brite Non-Fibre Aluminum Roof Coating

Item Number: 82200

1. Product Identification

Synonyms: None

Chemical Name: Asphalt

Chemical Family: Petroleum Hydrocarbon

Chemical Formula: Mixture

CAS No.: None

NFPA Identification:

Health: 2

Flammability: 2

Reactivity: 0

Protection: NF

2. Hazardous Components

<u>Ingredients</u>	<u>CAS Number</u>	<u>PEL (OSHA)</u>	<u>% Volume</u>	<u>TLV/TWA</u>
Petroleum Asphalt	8052-42-4	No STEL Recommended (ACGIH)		5 mg/m ³
Mineral Spirits	8052-41-3	100 ppm		100 ppm
Aluminum Pigment (Leafting Type)	7429-90-5	15 mg/m ³		10 mg/m ³
Xylene	1330-20-7	100 ppm		100 ppm 150 ppm (STEL)

NOTE: Most OSHA exposure limits shown above are 1989 PEL's vacated by the U.S. Court of Appeals. These are included as guideline information. Enforceable limits may be less stringent or are not established.

3. Acute Effects of Overexposure

EYE: Conjunctivitis, irritation, and tearing.

SKIN: Itching, dry skin.

INHALATION: Dizziness, nausea, unconsciousness.

INGESTION: May be fatal. Ingestion is considered unlikely.

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4. Chronic Effects of Overexposure

Unknown except those secondary to inhalation, ingestion, or skin contact.

5. Other Health Effects

Repeated continuous exposure can aggravate emphysema and cause liver or kidney damage. Direct contact and ingestion should also be avoided.

6. Toxicology

Acute Oral LD50	No Data Available
Acute Dermal LD50	No Data Available
Acute Inhalation LC 50	No Data Available
Carcinogenicity	No Data Available
Mutagenicity	No Data Available

7. First Aid and Emergency Procedures

EYE: Flush for at least 15 minutes with large amounts of water immediately. Eye lids should be held away from the eyeball to ensure thorough rinsing. Get medical attention immediately.

SKIN: Remove clothing and wash with soap and water. Get medical attention if irritation persists.

INHALATION: Remove affected person from source of exposure. If not breathing, institute cardiopulmonary resuscitation (CPR). If breathing is difficult, give oxygen. Get medical attention.

INGESTION: Do not induce vomiting! If spontaneous vomiting occurs, monitor for breathing difficulty. Get immediate medical attention! Very little product may be fatal.

8. Physical Data

Appearance	Bronze/Silver Viscous Fluid
Odor	Petroleum
Initial Boiling Point (° F)	313
Vapor Pressure (mm Hg)	NF
Vapor Density (Air = 1)	NF
Solubility in Water	Insoluble
Specific Gravity (H ₂ O = 1)	> 1.0
Volatiles	
Evaporation (Ether = 1)	
Viscosity	
Auto Ignition Temperature	400° F
pH	Not Applicable

Note: Asphalt is a native mixture of hydrocarbons which occurs as an amorphous, brownish-black solid or semi-solid. Asphalt results from evaporation of the lighter hydrocarbons from petroleum and partial oxidation of the residue. Petroleum asphalt, thus, should be differentiated from tar or pitch, which results from the destructive distillation of coal.

9. Fire and Explosion Data

Flash Point (Method Used)	105° F NFPA
Flammable Explosion Limits	LEL: 0.9% UEL: 6.0%

Fire extinguishing media: Foam, Water Fog, or Dry Chemical Extinguishers

Special Fire Hazards and Fire Fighting Procedures: Petroleum based compounds can float on water.

10. Reactivity

Stable: Yes	Unstable: N/A
Conditions to Avoid	Open sparks, heat, open flame, and fume inhalation
Incompatibility	Avoid acids, caustics, and Oxidizers
Hazardous Polymerization	Will not occur.
Hazardous Decomposition Products	Nitrogen oxides, Carbon oxides

11. Spill, Leak, and Disposal Procedures

Use non-sparking tools, shovel up and place in a closed container.

12. Waste Disposal Method

RCRA regulated material. Consult local, state, and federal regulations for permitted landfill, disposal and incineration.

13. DOT Transportation

According to DOT regulations, this product is only considered hazardous when being transported in (a) container(s) whose volume(s) exceed(s) one hundred nineteen (119) gallons.

For Containers Exceeding 119 Gallons:

Hazmat Description & Proper Shipping Name	Asphalt, 3, NA 1999 PG III
ID Number	NA 1999
Hazard Class	3
Packing Group	PG III

14. Protective Equipment

Product Name: Extra Brite Non-Fiber Aluminum Roof Coating

RESPIRATORY: Ventilation may be used to reduce airborne concentrations. If ventilation can not reduce airborne concentrations below acceptable limits, appropriate respiratory protection with organic vapor cartridge should be used. Use NIOSH or MSHA approved respiratory protective equipment when airborne exposure limits are exceeded.

EYE: Chemical goggles for vapors. Have eye baths readily available. Do not wear contact lenses.

GLOVE: Wear solvent-impervious gloves (and clothing) to prevent skin contact.

OTHER: Long-sleeved shirt and pants recommended.

NOTE: Personal protective information shown in section 14 is based upon general information as to normal uses and conditions. Where special or unusual uses or conditions exist, it is suggested that the expert assistance of an industrial hygienist or other qualified professional be sought.

15. Precautions to be Taken in Handling and Storage

Avoid extremes of temperature in storage. Store in tightly closed containers in cool, dry, isolated well-ventilated area away from heat, sources of ignition, and incompatibles. Do not eat, drink, or smoke in areas of use or storage. Empty containers may contain flammable / combustible or explosive residue or vapors. Do not cut, grind, drill, weld, or reuse containers unless adequate precautions are taken against these hazards. *Do not heat products for application!* Wash contaminated clothing.

16. Notice

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