

MATERIAL SAFETY DATA SHEET

NPCA

FOR COATINGS, RESINS AND RELATED MATERIALS (Approved by US Department of Labor Essentially Similar to Form OSHA 20)

Date Issued 10/22/01

SECTION I

MANUFACTURERS NAME

Solar Coating Systems

STREET ADDRESS

PO BOX 794

EMERGENCY TELEPHONE NUMBER

1-800-424-9300

PRODUCT CLASS

ALUMINUM EMULSION ROOF COATING

TRADE NAME

SCS

CITY, STATE, AND ZIP CODE

Maple Valley, WA 98038

MANUFACTURES CODE IDENTIFICATION

SCS Aluminum Emulsion

SECTION II- HAZARDOUS INGREDIENTS

INGREDIENT	PERCENT	TLV PPM	TLV Mg/M3	LEL	VAPOR PRESSURE
PETROLEUM ASPHALT CAS # - 8052-42-4	<25%		0.5		
INORGANIC FILLER CAS # 1317-65-3	<5%		10		
CELLULOSE FIBER CAS # 9004-34-6	<5%		10		
ALUMINUM PASTE CAS # MIXTURE	<30%	100			
WATER CAS # 7732-18-5	>45%	*			

ADDITIONAL INFORMATION-* NOT HAZARDOUS

Hazardous Materials Identification System (HMIS)Health
1Flammability
1Reactivity
1Personal Protection
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SECTION III – PHYSICAL DATA

BOILING RANGE: 212°F - 215°F VAPOR DENSITY HEAVIER LIGHTER, THAN AIREVAPORATION RATE FASTER SLOWER, THAN
ETHER PERCENT VOTILE BY VOLUME N/A WEIGHT PER GALLON
BY VOLUME 9.0 LBS

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

DOT CATEGORY - N/R

FLASH POINT- 325°F Minimum

EXTINGUISHING MEDIA- CO2, FOAM, & DRY CHEMICAL. DO NOT USE HALOGENATED AGENTS.

UNUSUAL FIRE AND EXPLOSION HAZARDS- CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT. PRODUCTS OF COMBUSTION MAY BE TOXIC

SPECIAL FIRE FIGHTING PROCEDURES- WEAR SELF CONTAINED BREATHING APPARATUS. WATER MAY BE USED TO COOL CLOSED CONTAINERS. HIGH PRESSURE STREAM WILL SPREAD FIRE.

SECTION V – REACTIVITY DATA

STABILITY: UNSTABLE STABLE CONDITIONS TO AVOID: HEAT, FLAMES, STRONG OXIDIZERS

INCOMPATIBILITY (MATERIALS TO AVOID): CARBON OXIDES

HAZARDOUS DECOMPOSITION PRODUCTS: NONE

HAZARDOUS POLYMERIZATION: MAY OCCUR WILL NOT OCCUR

CONDITIONS TO AVOID: NONE

SECTION VI-HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE-ACUTE: SKIN: PROLONGED /REPEATED CONTACT MAY CAUSE IRRITATION, DEFATTING AND DERMATITIS.-EYES: MAY CAUSE SEVERE IRRITATION, REDNESS TEARING AND BLURRED VISION.-INHALATION: MAY CAUSE DIZINESS, WEAKNESS, HEADACHE, UNCONSCIOUSNESS AND EVEN ASPHYXIATION.-INGESTION MAY CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING AND DIARRHEA. CARCINOGENICITY:

CALIF. PROP. 65 • CHEMICAL WARNING

(CALIFORNIA HEALTH AND SAFETY CODE #25249.5 ET SEQ) DETECTABLE AMOUNTS OF SOME CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM MAY BE FOUND IN VARIOUS ASPHALT PRODUCTS OIL CORPORATION (APOC) PETROLEUM BASED PRODUCTS AND THEIR VAPORS. READ AND FOLLOW LABEL DIRECTIONS AND INFORMATION GIVEN ON MATERIAL SAFETY DATA SHEETS AND USE CARE WHEN HANDLING OR USING ALL PETROLEUM PRODUCTS.

EMERGENCY FIRST AID PROCEDURE-SKIN: REMOVE CONTAMINATED CLOTHING. WASH EXPOSED AREA. WITH SOAP AND WATER. IF IRRITATION PERSISTS GET MEDICAL ATTENTION. EYES: FLUSH WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION. INHALATION: REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, ADMINISTER OXIGEN. IF BREATHING STOPS, GIVE ARTIFICIAL RESPIRATION AND SEEK MEDICAL ATTENTION IMMEDIATELY. INGESTION: DO NOT INDUCE VOMITING. KEEP PERSON WARM AND QUIET. ASPIRATION INTO LUNGS CAN CAUSE CHEMICAL PNEUMONITIS, WHICH CAN BE FATAL.

SECTION VII – SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: ELIMINATE SOURCES OF IGNITION KEEP PRODUCT OUT OF SEWERS BY DIKING OR IMPOUNDING. SOAK UP SPILL WITH SAND OR OTHER ABSORBENT. PLACE IN CONTAINERS. WASH AREA.

WASTE DISPOSAL METHOD: DISPOSE IN ACCORDANCE WITH LOCAL, STATE OR FEDERAL REGULATIONS.

SECTION VIII – SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: USE NIOSH/MSHA APPROVED RESPIRATOR WHEN TLV IS EXCEEDED.

VENTILATION: USE WITH ADEQUATE VENTILATION.

PROTECTIVE GLOVES: RUBBER SHOULD BE USED.

EYE PROTECTION: SAFETY GLASSES SHOULD BE USED.

OTHER PROTECTIVE EQUIPMENT: FACE SHIELD

SECTION IX – REGULATORY INFORMATION

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: STORE IN COOL PLACE

OTHER PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN. KEEP CONTAINERS TIGHTLY CLOSED.