

# 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 7/15/04

## SECTION I

### MANUFACTURERS NAME

Solar Coating Systems

### STREET ADDRESS

PO BOX 794

### EMERGENCY TELEPHONE NUMBER

1-800-424-9300

### PRODUCT CLASS

ELASTOMERIC RF COATING/WHITE

### CITY, STATE, AND ZIP CODE

Maple Valley, WA 98038

### MANUFACTURES CODE IDENTIFICATION

SCS MB Elastomeric Coating

### TRADE NAME

SCS

## SECTION II- HAZARDOUS INGREDIENTS

INGREDIENT	PERCENT	TLV PPM	TLV Mg/M3	LEL	VAPOR PRESSURE
ETHYLENE GLYCOL CAS # - 107-21-1	<5%	50			
POLYMER CAS #- 9003-55-8	<50%		*		

ADDITIONAL INFORMATION - \*NOT HAZARDOUS.

### Hazardous Materials Identification System (HMIS)

Health  
1

Flammability  
0

Reactivity  
0

Personal Protection  
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## SECTION III – PHYSICAL DATA

BOILING RANGE: 200 °F - 215°F VAPOR DENSITY  HEAVIER  LIGHTER, THAN AIR

EVAPORATION RATE  FASTER  SLOWER, THAN ETHER PERCENT VOTILE BY VOLUME 20 % WEIGHT PER GALLON BY VOLUME 11.7 LBS

## SECTION IV – FIRE AND EXPLOSION HAZARD DATA

DOT CATEGORY - N/R

FLASH POINT- N/A WATER BASED

EXTINGUISHING MEDIA- CO2, FOAM, & DRY CHEMICAL

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

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## 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 DIZZINESS, WEAKNESS, HEADACHE, UNCONSCIOUSNESS AND EVEN ASPHYXIATION.-INGESTION MAY CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING AND DIARRHEA.

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.

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## 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.

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## 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

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## 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.