

S5-8A SOLARAMIC COATING

MSDS Number

BHCRT

National Stock Number

9350-00-182-8806

Product Name

S5-8A SOLARAMIC COATING

Manufacturer

SOLAR TURBINES INC DIV OF CATERPILLAR INC

Product Identification

Product ID:S5-8A SOLARAMIC COATING

MSDS Date:08/19/1988

FSC:9350

NIIN:00-182-8806

MSDS Number: BHCRT

Responsible Party

SOLAR TURBINES,INC., DIV OF CATERPILLAR,INC.

2200 PACIFIC HIGHWAY

SAN DIEGO , CA 92138-5376

US

Emergency Phone: 619-544-5500

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Preparer: A. R. STETSON

Cage: 66195

Contractor

SOLAR TURBINES,INC., DIV OF CATERPILLAR,INC.

85376

SAN DIEGO, CA 92138-5376

US

619-544-5500

Cage: 66195

Ingredients

LEAD MONOXIDE (LEAD OXIDE YELLOW)

CAS: 1317-36-8

RTECS: OG1750000

Fraction By Weight:

OSHA PEL0.05 MG/M3 (PB)

ACGIH TLV: 0.15 MG/M3(PB); 8990

CHROMIUM (VI) OXIDE

CAS: 1333-82-0

RTECS: GB6650000

Fraction By Weight:

OSHA PELC, 0.1 MG/M3 (CRO3)
ACGIH TLV: 0.05 MG/M3(CR); 8990

METAL OXIDES AND SILICA

Fraction By Weight:

WATER

CAS: 7732-18-5

RTECS: ZC0110000

Fraction By Weight: TO 100%

Hazards

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO
Health Hazards Acute and Chronic:UNDER NORMAL USE (AS SPECIFIED BY MFR)
NO HAZARD SHOULD EXIST. MOST LIKELY EXPOSURE IS BREATHING DUST
FROM A SPRAYING OPERATION OR LEAD FUMES FROM AN IMPROPERLY VENTED
FIRING OPERATION.
Explanation of Carcinogenicity:NTP & IARC LIST CHROMIUM +6 COMPOUNDS AS
CONFIRMED CARCINOGENS.
Effects of Overexposure:(LEAD POISONING) WEIGHT LOSS, MUSCULAR PAIN,
WEARINESS, G/I DISTURBANCES, ANEMIA, NEUROMUSCULAR DISORDERS.
Medical Cond Aggravated by Exposure:PEOPLE WITH LEAD POISONING OR HIGH
LEAD EXPOSURES MAY BE AT INCREASED RISK.

First Aid

First Aid:EYE:FLUSH W/ WATER 15 MIN HOLD LIDS OPEN. SKIN:WASH WITH
SOAP & WATER. INHALED:REMOVE TO FRESH AIR. GET IMMEDIATE MEDICAL
CARE. INGESTED:DO NOT INDUCE VOMITING. GIVE WATER TO DRINK (IF
CONSCIOUS) AND GET IMMEDIATE MEDICAL CARE.

Fire Fighting

Flash Point:NON-FLAMMABLE
Extinguishing Media:USE MEDIA SUITABLE FOR SURROUNDING FIRE.
Fire Fighting Procedures:WEAR SELF CONTAINED BREATHING APPARATUS.
Unusual Fire/Explosion Hazard:MAY EMIT LEAD OXIDE FUMES AT FIRE
TEMPERATURES

Accidental Release

Spill Release Procedures:MOP UP OR ADSORB WITH INERT MATERIAL.
Neutralizing Agent:NONE

Handling

Handling and Storage Precautions:NO SPECIAL REQUIREMENTS GIVEN. STORE
IN A COOL DRY AREA. KEEP TIGHTLY CLOSED.
Other Precautions:NONE

Exposure Controls

Respiratory Protection:NOT EXPECTED TO BE REQUIRED. USE NIOSH/MSHA
APPROVED RESPIRATOR IF LEAD EXPOSURE IS ABOVE THE TLV/PEL
Ventilation:USE MECHANICAL VENTILATION SUPPLEMENTED WITH LOCAL EXHAUST
TO KEEP EXPOSURE TO LEAD DUST AND FUMES BELOW TLV/PEL.
Protective Gloves:ANY IMPERVIOUS TYPE
Eye Protection:SAFETY GLASSES OR SPLASH GOGGLES
Other Protective Equipment:IMPERVIOUS CLOTHING AS NEEDED TO PREVENT
PROLONGED OR REPEATED CONTACT.
Work Hygienic Practices:USE GOOD CHEMICAL HYGIENE PRACTICE. AVOID
CONTACT IF POSSIBLE, ESPECIALLY BREATHING DUST OR FUMES.
Supplemental Safety and Health

Chemical Properties

HCC:N1

Boiling Pt:B.P. Text:212F,100C
Spec Gravity:4.5
Evaporation Rate & Reference:1.0 WATER
Solubility in Water:NONE
Appearance and Odor:GREEN LIQUID, MILD ODOR
Percent Volatiles by Volume:>25

Stability

Stability Indicator/Materials to Avoid:YES
STRONG OXIDANTS
Stability Condition to Avoid:FIRING IN UNVENTILATED ENCLOSURE.
Hazardous Decomposition Products:MAY GENERATE TOXIC LEAD FUMES IF
IMPROPERLY USED OR PROCESSED.

Disposal

Waste Disposal Methods:DISPOSE I/A/W FEDERAL,STATE,LOCAL REGULATIONS.
PRODUCT QUALIFIES AS EP TOXIC (LEAD).

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