

T-084 NI-332

MSDS Number

BNXSY

National Stock Number

3439-00F024496

Product Name

T-084 NI-332

Manufacturer

UNION CARBIDE COATING SERVICE CORP

Product Identification

Product ID:T-084 NI-332

MSDS Date:09/20/1990

FSC:3439

NIIN:00F024496

MSDS Number: BNXSY

Responsible Party

UNION CARBIDE COATING SERVICE CORP

1555 MAIN STREET

INDIANAPOLIS , IN 46224-3283

US

Emergency Phone: (800) 822-4357 OR (317) 240-2650

Info Phone: (800) 822-4357 OR (317) 240-2650

Cage: UNICA

Contractor

UNION CARBIDE COATINGS SERVICE CORP

INDIANAPOLIS, IN 48224

US

317-240-2650 OR 800-822-4357

Cage: UNICA

Ingredients

ALUMINUM OXIDE, BAUXITE, ALUMINA, DIALUMINUM TRIOXIDE

CAS: 1344-28-1

RTECS: BD1200000

Fraction By Weight: 0-15%

OSHA PEL15 MG/M3 TDUST

ACGIH TLV: 10 MG/M3 TDUST; 9293

IRON

CAS: 7439-89-6

RTECS: NO4565500

Fraction By Weight: 0-21%

OSHA PEL5 MG/CUM

ACGIH TLV: 5 MG/CUM

COBALT

CAS: 7440-48-4

RTECS: GF8750000

Fraction By Weight: 0-20%

OSHA PEL0.1 MG/M3;AS CO

ACGIH TLV: 0.05 MG/M3;DUST 9293

NICKEL (SOLUBLE)

CAS: 7440-02-0

RTECS: QR5950000

Fraction By Weight: BALANCE

OSHA PEL1 MG/CUM

ACGIH TLV: 0.05 MG/CUM IC (A1)

BORON OXIDE, TRIOXIDE

CAS: 1303-86-2

RTECS: ED7900000

Fraction By Weight: 0-5%

OSHA PEL15 MG/M3 TDUST

ACGIH TLV: 10 MG/M3; 9293

TANTALUM

CAS: 7440-25-7

RTECS: WW5505000

Fraction By Weight: 0-5%

OSHA PEL5 MG/CUM

ACGIH TLV: 5 MG/CUM

CHROMIUM METAL, CHROMIUM, CHROME (SUSPECTED A1 HUMAN

CAS: 7440-47-3

RTECS: GB4200000

Fraction By Weight: 0-20%

OSHA PEL1 MG/CUM (CEILING)

ACGIH TLV: 0.5 MG/CUM

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

TUNGSTEN (INSOLUBLE), WOLFRAM

CAS: 7440-33-7

RTECS: YO7175000

Fraction By Weight: 0-15%

OSHA PEL5 MG/CUM

ACGIH TLV: 5 MG/CUM

SILICON

CAS: 7440-21-3

RTECS: VW0400000

Fraction By Weight: 0-5%

OSHA PEL15 MG/M3 TDUST

ACGIH TLV: 10 MG/M3 TDUST; 9293

TITANIUM (DRY POWDER) (TI)

CAS: 7440-32-6

RTECS: XR1700000

Fraction By Weight: 0-10%

OSHA PEL5 MG/CUM

ACGIH TLV: 5 MG/CUM

MOLYBDENUM (SOLUBLE COMPOUND), LEAD MOLYBDATE

CAS: 7439-98-7

RTECS: QA4680000

Fraction By Weight: 0-10%

OSHA PEL15 MG/M3 TDUST

ACGIH TLV: 10 MG/M3; 9293

Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO

Health Hazards Acute and Chronic:SKIN: ALLERGIC

DERMATITIS/REDNESS/PAPULAR FORMATION/ULCER/FEVER. EYE:

IRRITATION/CONJUNCTIVA REDNESS. INGESTION: NAUSEA/ABDOMINAL

PAIN/VOMITING/DIARRHEA/CNS DEPRESSION/BURNS. INHALATION: BREATH

SHORTN ESS/DRY COUGH/CHEST PAIN/VOMITING/DIARRHEA/BURN/CNS

DEPRESSION/INTERSTITIAL PNEUMONITIS/RESPIRATORY TRACT

SENSITIZATION.

Explanation of Carcinogenicity:SEE INGREDIENTS.

Effects of Overexposure:INHALATION: EMPHYSEMA/PULMONARY FIBROTIC

DISEASE/SENSITIZATION. SKIN: SENSITIZATION/SPREADING TO THE WHOLE

BODY W/LESIONS/ITCHING/SORENESS/BURNS/REDNESS. EYES: CORNEAL

DAMAGE/POLYCYTHEMIA/HYPERPLASIA OF THE THYROID GLAND, & DAMAGE TO

THE ALPHA CELLS OF THE PANCREAS/SENSITIZATION.

Medical Cond Aggravated by Exposure:BREATHING OF DUST MAY AGGRAVATE

ASTHMA & INFLAMMATORY OR FIBROTIC PULMONARY DISEASE. MAY AGGRAVATE

AN EXISTING DERMATITIS.

First Aid

First Aid:INGESTION: GIVE 2 GLASSES OF MILK OR WATER. INDUCE VOMITING,
UNLESS UNCONSCIOUS. SKIN: WASH THOROUGHLY W/SOAP & WATER.

INHALATION: REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF NOT
BREATHING. OX YGEN MAY BE GIVEN IF NECESSARY. EYES: FLUSH W/WATER.

IF DISCOMFORT PERSISTS, SEE AN OPHTHALMOLOGIST. OBTAIN MEDICAL
ATTENTION IN ALL CASES.

Fire Fighting

Extinguishing Media:SPECIAL DRY POWDER METAL EXTINGUISHING MATERIAL
Fire Fighting Procedures:USE APPROPRIATE EXTINGUISHER TO EXTINGUISH
COMBUSTIBLE MATERIALS IGNITED BY THERMAL SPRAY FLAME.
Unusual Fire/Explosion Hazard:AIRBORNE/FINELY DIVIDED
SOLIDS/ACCUMULATION OF METAL DUST SHOULD BE TREATED AS EXPLOSIVES.

Accidental Release

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT TO PROTECT AGAINST
HAZARDS & DISPOSE OF PER WASTE DISPOSAL METHOD.

Handling

Handling and Storage Precautions:ELECTRICITY CAN CAUSE SHOCK THAT CAN
KILL. DON'T TOUCH LIVE ELECTRICAL PARTS. NOISE CAN DAMAGE HEARING.
WEAR PROPER RECOMMENDED PROTECTION.

Other Precautions:PREVENT FIRES. AVOID FUMES, GAS, & DUST, WHICH CAN
HARM YOUR HEALTH. ALWAYS SPRAY W/ENOUGH VENTILATION.

Exposure Controls

Respiratory Protection:PERSONAL AIR SAMPLES CAN BE TAKEN & ANALYZED FOR
HAZARDOUS INGREDIENTS & DECOMPOSITION PRODUCTS TO DETERMINE IF &
WHAT TYPE OF RESPIRATOR IS REQUIRED.

Ventilation:TO MINIMIZE DANGER FROM DUST EXPLOSIONS, ADEQUATE
VENTILATION SHOULD BE PROVIDED TO SPRAY BOOTH. LOCAL DUST PICK UP.

Protective Gloves:RECOMMENDED

Eye Protection:GOGGLES WHEN DUSTY, & FACE SHIELDS

Other Protective Equipment:HELMETS

Supplemental Safety and Health

NOTE TO PHYSICIAN: THE HAZARDS OF THIS MATERIAL ARE MAINLY DUE TO ITS
SENSITIZING & MILDLY IRRITATING PROPERTIES. THERE IS NO SPECIFIC
ANTIDOTE. TREATMENT OF OVEREXPOSURE SHOULD BE DIRECTED AT THE CON
TROL OF SYMPTOMS & THE CLINICAL CONDITION.

Chemical Properties

Solubility in Water:INSOLUBLE

Stability

Stability Indicator/Materials to Avoid:YES

Stability Condition to Avoid:AREA & SPARKS DURING SPRAYING CAN BE A
SOURCE OF IGNITION OF COMBUSTIBLE MATERIALS

Hazardous Decomposition Products:OXIDES, SUB-OXIDES, & COMPLEX OXIDES
OF MATERIALS CONTAINED IN THIS PRODUCT

Disposal

Waste Disposal Methods:DISPOSE OF WASTE ACCORDING TO LOCAL, STATE, &
FEDERAL REGULATIONS.

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