

TINEL

MSDS Number

BJCDP

National Stock Number

3439-00F012307

Product Name

TINEL

Manufacturer

RAYCHEM CORP

Product Identification

Product ID:TINEL
MSDS Date:10/01/1986
FSC:3439
NIIN:00F012307
MSDS Number: BJCDP

Responsible Party

RAYCHEM CORPORATION
300 CONSTITUTION DRIVE
MENLO PARK , CA 94025
Emergency Phone: (415) 361-5524
Info Phone: (415) 361-5524
Preparer: GREGORY RAYMOND
Cage: 06099

Contractor

RAYCHEM CORPORATION
MENLO PARK, CA 94025
US
(415)361-3333
Cage: 06099

Ingredients

NICKEL (SARA III)
CAS: 7440-02-0
RTECS: QR5950000
OSHA PEL1 MG/M3
ACGIH TLV: 1 MG/M3; 9192

IRON
CAS: 7439-89-6
RTECS: NO4565500
ACGIH TLV: 0.2 MG/CUM

COPPER (SARA III)
CAS: 7440-50-8

RTECS: GL5325000

OSHA PEL0.1MG/M3 FUME/1 DUST

ACGIH TLV: 0.2MG/M3 FUME; 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

VANADIUM (SARA III)

CAS: 7440-62-2

RTECS: YW1355000

OSHA PELC,0.5 MG V2O5/M3 RD

ACGIH TLV: 0.05 MG V2O5/M3;9293

ZIRCONIUM

CAS: 7440-67-7

RTECS: ZH7070000

OSHA PEL5 MG/M3/10 STEL

ACGIH TLV: 5 MG/M3/10 STEL;9192

Hazards

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

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

Health Hazards Acute and Chronic:INHALATION: NASAL/LUNG CANCER. SKIN: IRRITATION, SENSITIZATION, & ALLERGIC. INGESTION: STOMACH PAINS, VOMITING, & DIARRHEA.

Explanation of Carcinogenicity:NICKEL IS LISTED BY IARC/NTP AS A SUSPECT CARCINOGEN.

Effects of Overexposure:INHALATION: ULCERATION OF THE NASAL SEPTUM, BENIGN NON-FIBROTIC PNEUMOCONIOSIS (SIDEROSIS), IRRITATION OF EYES, SKIN, MUCOUS MEMBRANE, & UPPER RESPIRATORY TRACT, METAL FUME FEVER, W/FLU-LIKE SYMPTOMS WHICH IS LAST 24-48 HRS, & LUNG CANCERS.

First Aid

First Aid:EYES: FLUSH W/WATER FOR AT LEAST 15 MINS. SEEK MEDICAL ATTENTION. SKIN: WASH W/MILD SOAP & WATER. INGESTION: GET MED ATT. INHALATION: REMOVE TO FRESH AIR. SEEK MEDICAL ATTENTION.

Fire Fighting

Flash Point:NONE

Extinguishing Media:SAND. DON'T USE WATER.

Fire Fighting Procedures:FIREMEN SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS IN ENCLOSED AREAS.

Unusual Fire/Explosion Hazard:TOXIC FUMES MAY BE EVOLVED IN A FIRE.

Handling

Handling and Storage Precautions:WASH HANDS AFTER HANDLING. AVOID ALL EXPOSURE TO AIRBORNE FUMES.

Other Precautions:VENTILATION ON PROCESSING EQUIPMENT MUST MAINTAIN AIRBORNE CONCENTRATIONS BENEATH APPLICABLE TLVS.

Exposure Controls

Respiratory Protection:IF AIRBORNE LEVEL APPROACH TLVS, NIOSH/MSHA APPROVED RESPIRATORY PROTECTION ARE RECOMMENDED.

Ventilation:GOOD INDUSTRIAL HYGIENE PRACTICE, ENSURE ADEQUATE VENTILATION DURING PROCESSING.

Eye Protection:SAFETY GLASSES, GOGGLES

Work Hygienic Practices:GOOD INDUSTRIAL HYGIENE PRACTICE, ENSURE

ADEQUATE VENTILATION DURING PROCESSING.
Supplemental Safety and Health

Chemical Properties

Vapor Pres:10
Spec Gravity:6.5
Appearance and Odor:INGOT & BAR STOCK; NO ODOR.

Stability

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS/ACIDS
Hazardous Decomposition Products:TOXIC FUMES, METAL & METAL OXIDE FUMES

Disposal

Waste Disposal Methods:IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE PRACTICE, ENSURE ADEQUATE VENTILATION DURING PROCESSING. NORMAL METHODS BASED ON FEDERAL, STATE, & LOCAL REGULATIONS.

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