

MSDS #: 005

M A T E R I A L S A F E T Y D A T A S H E E T 93

BRIDGEPORT FITTINGS ., INC.
705 LORDSHIP BLVD.
STRATFORD , CT 06497

PHONE #: 203-377-5944
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DATE: JUNE 1, 1987

TRADE NAME: CADMIUM PLATING
CHEMICAL FAMILY: METALS CONTAINING MIXTURE
PROPRIETARY FORMULATION

NFPA DESIGNATION 704

HAZARD-RATING:

4 - EXTREME
3 - HIGH
2 - MODERATE
1 - SLIGHT
0 - MINIMAL

FIRE: 0
HEALTH: 3
REACTIVITY: 0
SPECIAL:

SECTION II - HAZARDOUS INGREDIENTS

	EXPOSURE	LIMITS,	MG/M3
HAZARDOUS COMPONENTS	HAZARDOUS%	OSHA TLV	NTP IARC CAS#
CADMIUM METAL	99.9	B 2B	7440-43-9

NO OTHER INGREDIENTS IN THIS PLATING FINISHED ARE
CONSIDERED TO BE HAZARDOUS ACCORDING TO ANY STATE
OR FEDERAL REGULATIONS.

SECTION III - PHYSICAL DATA

SPECIFIC GRAVITY: 8.65
VAPOR PRESSURE: 0
PERCENTAGE OF VOLATILITY BY VOLUME: 0
VAPOR DENSITY (AIR=1): 0
EVAPORATION RATE (ETHER=1): 0
SOLUBILITY IN WATER: 0
APPEARANCE AND ODOR: SILVER-WHITE METALLIC-NO ODOR

SECTION IV - FIRE AND EXPLOSION DATA

FLASH POINT (F):NON-FLAMMABLE
EXTINGUISHING MEDIA:DRY POWDER EXTINGUISHER
FLAMMABLE LIMITS:N/A
SPECIAL FIRE FIGHTING MEDIA:WEAR SELF-CONTAINED BREATHING
APPARATUS
UNUSUAL FIRE AND EXPLOSION HAZARDS:WHEN HEATED EXCESSIVELY
BEYOND MELTING POINT(1500F),METAL VAPOR BURNS IN
AIR WITH BRIGHT ORANGE-YELLOW FLAME TO PRODUCE
CADMIUM OXIDE CAS# 1306-19-0

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SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE (TLV): 5MG/M3
OVER EXPOSURE EFFECTS:INHALATION OF CADMIUM OXIDE FUMES MAY
CAUSE "METAL FUME FEVER"
INGESTION MAY IRRITATE LINING OF
STOMACH AND INTESTINES

FIRST AID PROCEDURES:FOR SKIN RASHES SEEK MEDICAL ATTENTION
CLEANSE WOUNDS THOROUGHLY TO REMOVE
ANY CADMIUM PARTICLES

SECTION VI - REACTIVITY DATA

INSTABILITY:STABLE
INCOMPATIBILITY:STRONG ACIDS, HALOGEN GASES, OXIDIZERS
DECOMPOSITION:N/A
POLYMERIZATION:N/A
CONDITIONS TO AVOID:N/A

SECTION VII - SPILL OR LEAK PROCEDURES

SPILL, LEAK OR RELEASE: PICK UP AND REPLACE IN ORIGINAL
CONTAINER
WASTE DISPOSAL: CADMIUM-CONTAINING WASTE IS NORMALLY
COLLECTED TO RECOVER CADMIUM VALUES.
SHOULD WASTE DISPOSAL BE DEEMED NECESSARY
FOLLOW EPA AND LOCAL REGULATIONS

SECTION VIII - SPECIAL PROTECTION

RESPIRATORY PROTECTION:N/A
VENTILATION:N/A
SPECIAL:N/A
OTHER:N/A
PROTECTIVE GLOVES:RUBBER GLOVES
EYE PROTECTION:CHEMICAL GOGGLES
OTHER PROTECTIVE EQUIPMENT:AS NECESSARY TO PROTECT CLOTHES

SECTION IX - SPECIAL PRECAUTIONS

HANDLING AND STORAGE:DRY STORAGE

OTHER PRECAUTIONS:N/A

SECTION X - TRANSPORTATION REQUIREMENTS

PROPER SHIPPING NAME: CADMIUM PLATING