

7-6889, ZINC CHROMATE PRIMERS YELLOW

MSDS Number

BNBHK

National Stock Number

8010-00N028642

Product Name

7-6889, ZINC CHROMATE PRIMERS YELLOW

Manufacturer

TEMPO PROD CO A PLASTI KOTE CO INC

Product Identification

Product ID:7-6889, ZINC CHROMATE PRIMERS YELLOW

MSDS Date:07/11/1991

FSC:8010

NIIN:00N028642

MSDS Number: BNBHK

Responsible Party

TEMPO PROD CO/A PLASTI-KOTE CO INC

1000 LAKE RD

MEDINA , OH 44258

US

Emergency Phone: 216-725-4511

Info Phone: 216-725-4511

Cage: IO250

Contractor

TEMPO PRODUCTS CO A PLASTI-KOTE CO INC

MEDINA, OH 44256

US

330-725-4511

Cage: 07708

Ingredients

SEEK CONSULTATION FROM APPROP HEALTH

RTECS: 9999999ZZ

RECOMMENDATION.

RTECS: 9999999ZZ

PROPANE, 2-METHYL-; (ISOBUTANE MIXTURE) (PROPELLANT). EVAP

CAS: 75-28-5

RTECS: TZ4300000

Fraction By Weight: 23%

186 @ 20C.

CAS: 67-64-1

RTECS: AL3150000

Fraction By Weight: 5-10%

OSHA PEL1000PPM

ACGIH TLV: 750PPM/1000STEL;9293

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

SOLVENT NAPHTHA (PETROLEUM), LIGHT ALIPHATIC; (ALIPHATIC

CAS: 64742-89-8

Fraction By Weight: 15-20%

ACGIH TLV: 300 PPM (MFR)

TOLUENE (SARA III)

CAS: 108-88-3

RTECS: XS5250000

Fraction By Weight: 0-5%

OSHA PEL200 PPM/150 STEL

ACGIH TLV: 50 PPM; 9293

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

5.1 @ 20C.

CAS: 1330-20-7

RTECS: ZE2100000

Fraction By Weight: 25-30%

OSHA PEL100 PPM;150 PPM STEL

ACGIH TLV: 100 PPM;150 PPM STEL

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

CHROMATE (1-), HYDROXYOCTAOXODIZINCATEDI-, POTASSIUM; (ZINC

CAS: 11103-86-9

RTECS: GA9170000

Fraction By Weight: 10-15%

OSHA PEL0.1 (CRO*3)MG/M3, C

ACGIH TLV: 0.01 (CR)MG/M3

Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES

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

Health Hazards Acute and Chronic:ACUTE:INHAL:EXCESS INHAL OF VAPS CAN CAUSE NASAL & RESP IRRIT, DIZZ, WEAK, FATG, NAUS, HDCH, POSS UNCON & EVEN ASPHYX. EYE:CAN CAUSE SEV IRRIT, REDNESS, TEARING, BLURRED

VISION. INGEST: CAN CAUSE GI IRRITATION, NAUSEA, VOMIT, DIARRHEA. SKIN: CAN CAUSE IRRITATION FOR SOME PERSONS. CHRONIC: REPORTS HAVE ASSOCIATED REPRODUCTIVE AND PREGNANCY EFFECTS OF OVEREXPOSURE.

Explanation of Carcinogenicity: ZINC POTASSIUM CHROMATE: GROUP 1 (NTP), GROUP 1 (IARC).

Effects of Overexposure: HEALTH HAZARD: OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH PERMITS FOR BRAIN AND NERVOUS SYSTEM DAMAGE. SEVERE OVEREXPOSURE IN LAB ANIMALS HAS ALSO CAUSED LIVER ABNORMALITIES AND DAMAGE TO KIDNEYS, LUNGS & SPLEEN, HEART & ADRENALS. INTENT MISUSE BY DELIBERATE CONCENTRATION & INHALATION CONTENTS MAY BE HARMFUL OR FATAL. TOLUENE CAS#108-88-3 APPEARS ON THE NAVY LISTING OF OCCUPATIONAL REPRODUCTIVE HAZARD. (INGEST 7)

Medical Condition Aggravated by Exposure: CAN CAUSE ALLERGIC RESPIRATORY &/OR SKIN REACTION.

First Aid

First Aid: INHALATION: REMOVE INDIVIDUAL TO FRESH AIR. IF BREATHING DIFFICULT, ADMINISTER OXYGEN. IF BREATHING STOPPED, GIVE ARTIFICIAL RESPIRATION & SEE MEDICAL. EYES: FLUSH WITH WATER FOR AT LEAST 15 MINUTES WHILE OCCASIONALLY HOLDING EYELIDS OPEN. GET MEDICAL. INGESTION: DO NOT INDUCE VOMIT (ASPIRATION OF MATERIAL INTO LUNGS CAN CAUSE CHEMICAL PNEUMONITIS, WHICH CAN BE FATAL). KEEP PERSONS WARM, QUIET & GET MEDICAL/POISON CONTROL CENTER. SKIN: WASH WITH SOAP & WATER/VARIOUS HAND CLEANERS & WASH CLOTHING BEFORE REUSE.

Fire Fighting

Flash Point: 0°F, -18°C

Lower Limits: 1%

Extinguishing Media: "ALCOHOL" FOAM, CARBON DIOXIDE, DRY CHEMICAL.

Fire Fighting Procedures: WEAR NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT. WATER SPRAY MAY BE INEFFECTIVE. WATER MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILD-UP & POSSIBLE SPILLAGE (SUPPLEMENTAL DATA)

Unusual Fire/Explosion Hazard: CLOSED CONTAINERS MAY EXPLODE &/OR AUTOIGNITE WHEN EXPOSED TO EXTREME HEAT. VAPORS ARE HEAVY/AIR & MAY TRAVEL ALONG GROUND/MAY BE MOVED BY WIND & IGNITED BY PILOT (SUPPLEMENTAL DATA)

Accidental Release

Spill Release Procedures: ELIMINATE ALL IGNITION SOURCES. VENTILATE AREA. ABSORB LIQUID ON PAPER, VERMICULITE, FLOOR ABSORBENT OR OTHER ABSORBENT MATERIAL & TRANSFER TO CLOSED CONTAINER.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions: DO NOT STORE IN AREAS ABOVE 120°F OR IN DIRECT SUNLIGHT OR NEAR HEAT OR OPEN FLAMES. DO NOT PUNCTURE OR INCINERATE.

Other Precautions: STORE LARGE QUANTITIES IN BUILDINGS PROTECTED FOR STORAGE OF NFPA CLASS IC FLAMMABLE LIQUIDS.

Exposure Controls

Respiratory Protection: FOR CASUAL/OCCASIONAL USE: TO AVOID BREATHING VAPORS/SPRAY MIST, OPEN WINDOWS & DOORS/USE OTHER MEANS TO ENSURE FRESH AIR ENTRY DURING APPLICATION & DRYING. IF YOU EXPERIENCE EYE WATERING, HEADACHE/DIZZINESS, INCREASE FRESH AIR, WEAR NIOSH/MSHA APPROVED RESPIRATORY PROTECTION (SUPPLEMENTAL DATA)

Ventilation: FOR REGULAR/CONTINUOUS USE: PROVIDE SUFFICIENT MECHANICAL (GENERAL) &/OR LOCAL EXHAUST VENT TO MAINTAIN EXPOSURE BELOW TLV'S.

Protective Gloves: CHEMICAL RESISTANT GLOVES, SUCH AS NEOPRENE.

Eye Protection: CHEMICAL WORKERS GOGGLES.

Other Protective Equipment: WHERE SPECIAL OR UNUSUAL CONDITIONS EXIST THE EXPERT ASSISTANCE OF AN INDUSTRIAL HYGIENIST SHOULD BE SOUGHT.

Work Hygienic Practices: WASH HANDS BEFORE EATING OR USING WASHROOM. AS WITH ALL CHEMICALS, MINIMIZE PERSONAL CONTACT & BREATHING OF VAPORS.

Supplemental Safety and Health

FIRE FIGHT PROCEDURE: AUTOIGNITION OR EXPLOSION WHEN EXPOSED TO EXTREME HEAT. IF WATER IS USED, FOG NOZZLE PREFERRED. EXPLOSION HAZARD: LIGHTS, OTHER FLAMES, SPARKS, HEATERS, SMOKING, ELECTRIC MOTORS OR OTHER IGNITION SOURCES AT LOCATIONS DISTANT FROM MATERIAL HANDLING POINT. RESPIRATORY PROTECTION: (TC23C/EQUIV), OR LEAVE THE AREA.

Chemical Properties

HCC:V3
Boiling Pt:B.P. Text:>133F,>56C
Melt/Freeze Pt:M.P/F.P Text:>1500F,>816
Vapor Pres:SEE INGS
Vapor Density:HVR/AIR
Spec Gravity:Evaporation Rate & Reference:>1 (BUTYL ACETATE=1)
Solubility in Water:SLIGHT TO MODERATE
Appearance and Odor:TYPICAL SOLVENT PAINT.
Percent Volatiles by Volume:85-90

Stability

Stability Indicator/Materials to Avoid:YES
AVOID CONTACT W/STRONG OXIDIZING AGENTS & HEAT.
Stability Condition to Avoid:HEAT, SPARKS & OPEN FLAME.
Hazardous Decomposition Products:MAY FORM TOXIC MATERIALS, CO*2, CO,
VARIOUS HYDROCARBONS, NITROGEN COMPOUNDS, ETC, WHEN BURNED.

Disposal

Waste Disposal Methods:MATERIAL COLLECTED ON ABSORBENT MATERIAL MAY BE
DEPOSITED IN POSTED TOXIC SUBSTANCE LANDFILL I/A/W LOCAL, STATE &
FEDERAL REGULATIONS.

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