

TEMPO PROD CO/A PLASTI-KOTE CO INC -- 7-6889-A, ZINC CHROMATE  
PRIMERS GREEN -- 8010-00N028643

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Product Identification  
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Product ID:7-6889-A, ZINC CHROMATE PRIMERS GREEN  
MSDS Date:07/11/1991  
FSC:8010  
NIIN:00N028643  
MSDS Number: BNBHL  
=== Responsible Party ===  
Company Name:TEMPO PROD CO/A PLASTI-KOTE CO INC  
Address:1000 LAKE RD  
City:MEDINA  
State:OH  
ZIP:44258  
Country:US  
Info Phone Num:216-725-4511  
Emergency Phone Num:216-725-4511  
CAGE:IO250

=== Contractor Identification ===

Company Name:TEMPO PROD CO/A PLASTI-KOTE CO INC  
Address:1000 LAKE RD  
Box:City:MEDINA  
State:OH  
ZIP:44258  
Country:US  
Phone:216-725-4511  
CAGE:IO250  
Company Name:TEMPO PRODUCTS CO A PLASTI-KOTE CO INC  
Address:1000 LAKE ROAD  
Box:City:MEDINA  
State:OH  
ZIP:44256  
Country:US  
Phone:330-725-4511  
CAGE:07708

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Composition/Information on Ingredients  
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Ingred Name:ACETONE. VP:186 @ 20C.  
CAS:67-64-1  
RTECS #:AL3150000  
Fraction by Wt: 5-10%  
OSHA PEL:1000PPM  
ACGIH TLV:750PPM/1000STEL;9293  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:SOLVENT NAPHTHA (PETROLEUM), LIGHT ALIPHATIC; (ALIPHATIC  
HYDROCARBON). VP:38 @ 20C.  
CAS:64742-89-8  
Fraction by Wt: 15-20%  
ACGIH TLV:300 PPM (MFR)

Ingred Name:TOLUENE (SARA III)  
CAS:108-88-3  
RTECS #:XS5250000  
Fraction by Wt: 0-5%  
OSHA PEL:200 PPM/150 STEL  
ACGIH TLV:50 PPM; 9293

EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:XYLENE. VP:5.1 @ 20C.  
CAS:1330-20-7  
RTECS #:ZE2100000  
Fraction by Wt: 25-30%  
OSHA PEL:100 PPM;150 PPM STEL  
ACGIH TLV:100 PPM;150 PPM STEL  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:CHROMATE (1-), HYDROXYOCTAOXODIZINCATEDI-, POTASSIUM; (ZINC  
POTASSIUM CHROMATE)  
CAS:11103-86-9  
RTECS #:GA9170000  
Fraction by Wt: 10-15%  
OSHA PEL:0.1 (CRO\*3)MG/M3, C  
ACGIH TLV:0.01 (CR)MG/M3

Ingred Name:PROPANE, 2-METHYL-; (ISOBUTANE MIXTURE) (PROPELLANT). EVAP  
RATE:<1 (BUTYL ACETATE=1). FL PT:-100F.  
CAS:75-28-5  
RTECS #:TZ4300000  
Fraction by Wt: 23%

Ingred Name:SIGNS & SYM:SEEK CONSULTATION FROM APPROP HLTH  
PROFESSIONALS CONCERN LATEST HAZ LIST INFO & SAFE HNDL & EXPOS (ING 8)  
RTECS #:9999999ZZ  
Other REC Limits:NONE SPECIFIED

Ingred Name:ING 8:RECOMMENDATIONS  
RTECS #:9999999ZZ  
Other REC Limits:NONE SPECIFIED

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===== Hazards Identification =====

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 IR RIT, NAUS, VOMIT, DIARR. SKIN:CAN  
CAUSEIRRIT FOR SOME PERSONS. CHRONIC:REPORTS HAVE ASSOC RPTD &  
PRLNG(EFTS OF OVEREXP)  
Explanation of Carcinogenicity:ZINC POTASSIUM CHROMATE:GROUP 1(NTP),  
GROUP 1(IARC).  
Effects of Overexposure:HLTH HAZ:OCCUP OVEREXP TO SOLVS W/PERM BRAIN &  
NERV SYS DMG. SEV OVEREXP IN LAB ANIMALS HAS ALSO CAUSED LIVER  
ABNORM & DMG TO KIDNEYS, LUNGS & SPLEEN, HEART & ADRENALS. INTENT  
MISUSE BY DELIB CONC & I NHAL CONTENTS MAY BE HARMFUL OR  
FATAL.TOLUENE CAS 108-88-3 APPEARS ON THE NAVY LISTING OF OCCUP  
REPRO HAZ.ING 7)  
Medical Cond Aggravated by Exposure:CAN CAUSE ALLERGIC RESPIRATORY &/OR  
SKIN REACTION.

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===== First Aid Measures =====

First Aid:INHAL:REMOVE INDIVIDUAL TO FRESH AIR. IF BRTHG DFCLT, ADMIN

O\*2. IF BRTHG STOPPED, GIVE ARTF RESP & SEE MD. EYES:FLUSH W/H\*2O FOR @ LST 15 MINS WHILE OCCAS HOLDING EYELIDS OPEN. GET MD. INGEST:DO NOT INDUCE VOMIT (ASPIR OF MATL INTO LUNGS CAN CAUSE CHEM PNEUM, WHICH CAN BE FATAL). KEEP PERS WARM, QUIET & GET MD/POIS CTL CTR. SKIN:WASH W/SOAP & H\*2O/VARIOUS HAND CLEANERS & WASH CLTHG BEFORE REUSE.

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Fire Fighting Measures  
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Flash Point:0F,-18C  
Lower Limits:1%  
Extinguishing Media:"ALCOHOL" FOAM, CO\*2, DRY CHEMICAL.  
Fire Fighting Procedures:WEAR NIOSH/MSHA APPRVD SCBA & FULL PROT EQUIP . H\*2O SPRAY MAY BE INEFT. H\*2O MAY BE USED TO COOL CLSD CNTNRS TO PVNT PRESS BUILD-UP & POSS (SUPP DATA)  
Unusual Fire/Explosion Hazard:CLSD CNTNRS MAY EXPLODE &/OR AUTOIGNITE WHEN EXPOSED TO EXTREME HEAT. VAPS ARE HVR/AIR & MAY TRAVEL ALONG GROUND/MAY BE MOVED BY VENT & IGNITED BY PILOT(SUPDAT)

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Accidental Release Measures  
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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.

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Handling and Storage  
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Handling and Storage Precautions:DO NOT STORE IN AREAS ABOVE 120F 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.

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Exposure Controls/Personal Protection  
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Respiratory Protection:FOR CASUAL/OCCAS USE:TO AVOID BRTHG VAPS/SPRAY MIST, OPEN WINDOWS & DOORS/USE OTHER MEANS TO ENSURE FRESH AIR ENTRY DURING APPLICATN & DRYING. IF YOU EXPER EYE WATERING, HDCHS/DIZZ, INCR FRESH AIR, WE AR NIOSH/MSHA APPRVD RESP PROT (SUPDAT)  
Ventilation:FOR REGULAR/CONTINUOUS USE:PROVIDE SUFFICIENT MECH (GENERAL) &/OR LOC EXHST VENT TO MAINTAIN EXPOS BELOW TLV'S.  
Protective Gloves:CHEM 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 W/ALL CHEMICALS, MINIMIZE PERSONAL CONTACT & BREATHING OF VAPORS.  
Supplemental Safety and Health  
FIRE FIGHT PROC:AUTOIGNITION OR EXPLO WHEN EXPOSED TO EXTREME HEAT. IF H\*2O IS USED, FOG NOZZ PREF. EXPLO HAZ:LIGHTS, OTHER FLAMES, SPKS, HEATERS, SMOKING, ELEC MOTORS OR OTHER IGNIT SOURCES AT LOCATI ONS DISTANT FROM MATL HNDLG POINT. RESPPROT:(TC23C/EQUIV), OR LEAVE THE AREA.

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Physical/Chemical Properties  
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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:<1 (H\*20=1)  
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 and Reactivity Data =====

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 Considerations =====

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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