

A PLASTI-KOTE -- BUMPER PAINT, CHROME 20-199
MATERIAL SAFETY DATA SHEET
NSN: 801000N070633
Manufacturer's CAGE: 07708
Part No. Indicator: A
Part Number/Trade Name: BUMPER PAINT, CHROME 20-199

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General Information
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Company's Name: A PLASTI-KOTE CO INC
Company's Street: 1000 LAKE RD
Company's City: MEDINA
Company's State: OH
Company's Country: US
Company's Zip Code: 44256
Company's Emerg Ph #: 216-725-4511
Company's Info Ph #: 216-725-4511
Record No. For Safety Entry: 001
Tot Safety Entries This Stk#: 001
Status: SMJ
Date MSDS Prepared: 01JUN93
Safety Data Review Date: 12APR96
MSDS Serial Number: CBMGS

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Ingredients/Identity Information
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Proprietary: NO
Ingredient: ACETONE (SARA 313) (CERCLA). VP: 188 @ 20C.
Ingredient Sequence Number: 01
NIOSH (RTECS) Number: AL3150000
CAS Number: 67-64-1
OSHA PEL: 1000 PPM
ACGIH TLV: 750PPM/1000STEL;9495

Proprietary: NO
Ingredient: VM & P NAPHTHA; (ALIPHATIC HYDROCARBON). VP: 38 @ 20C.
Ingredient Sequence Number: 02
Percent: 10-15
NIOSH (RTECS) Number: 1003161VN
CAS Number: 64742-89-8
OSHA PEL: N/K (FP N)
ACGIH TLV: N/K (FP N)

Proprietary: NO
Ingredient: SOLVENT NAPHTHA (PETROLEUM), LIGHT AROMATIC; (AROMATIC HYDROCARBON). VP:3 @ 20C.
Ingredient Sequence Number: 03
Percent: 0-5
NIOSH (RTECS) Number: WF3400000
CAS Number: 64742-95-6
OSHA PEL: N/K (FP N)
ACGIH TLV: N/K (FP N)

Proprietary: NO
Ingredient: 4-HEPTANONE, 2,6-DIMETHYL-; (DIISOBUTYL KETONE). VP: 1.7 @ 20C.
Ingredient Sequence Number: 04
NIOSH (RTECS) Number: MJ5775000
CAS Number: 108-83-8
OSHA PEL: 50 PPM
ACGIH TLV: 25 PPM; 9495

Proprietary: NO
Ingredient: ACETIC ACID, ETHYL ESTER; (ETHYL ACETATE). VP:69 @ 20C.
Ingredient Sequence Number: 05

NIOSH (RTECS) Number: AH5425000
CAS Number: 141-78-6
OSHA PEL: 400 PPM
ACGIH TLV: 400 PPM; 9495

Proprietary: NO
Ingredient: ETHYL ALCOHOL (ETHANOL). VP: 40 @ 20C.
Ingredient Sequence Number: 06
NIOSH (RTECS) Number: KQ6300000
CAS Number: 64-17-5
OSHA PEL: 1000 PPM
ACGIH TLV: 1000 PPM; 9495

Proprietary: NO
Ingredient: PROPIONIC ACID, 3-ETHOXY-, ETHYL ESTER; (ETHYL-3-ETHOXYPROPIONATE). VP:0.67 @ 20C.
Ingredient Sequence Number: 07
NIOSH (RTECS) Number: UF3325000
CAS Number: 763-69-9
OSHA PEL: N/K (FP N)
ACGIH TLV: N/K (FP N)

Proprietary: NO
12.8 @ 20C.
Ingredient Sequence Number: 08
NIOSH (RTECS) Number: AI4025000
CAS Number: 110-19-0
OSHA PEL: 150 PPM
ACGIH TLV: 150 PPM; 9495

Proprietary: NO
Ingredient: ISOPROPYL ALCOHOL (SARA 313). VP: 33 @ 20C.
Ingredient Sequence Number: 09
NIOSH (RTECS) Number: NT8050000
CAS Number: 67-63-0
OSHA PEL: 400 PPM
ACGIH TLV: 400 PPM/500STEL;9495

Proprietary: NO
Ingredient: 2-BUTANONE; (METHYL ETHYL KETONE) (MEK) (SARA 313) (CERCLA).
VP:70 @ 20C
Ingredient Sequence Number: 10
NIOSH (RTECS) Number: EL6475000
CAS Number: 78-93-3
OSHA PEL: 200 PPM
ACGIH TLV: 200 PPM/300STEL;9495

Proprietary: NO
Ingredient: MINERAL SPIRITS. VP:2.0 @ 20C.
Ingredient Sequence Number: 11
Percent: 0-5
NIOSH (RTECS) Number: PY8240000
CAS Number: 64475-85-0
OSHA PEL: N/K (FP N)
ACGIH TLV: N/K (FP N)

Proprietary: NO
Ingredient: METHANE, DICHLORO-; (METHYLENE CHLORIDE) (SARA 313) (CERCLA).
VP:340 @ 20C.
Ingredient Sequence Number: 12
Percent: 20-25
NIOSH (RTECS) Number: PA8050000
CAS Number: 75-09-2
OSHA PEL: 500 PPM; Z-2
ACGIH TLV: 50 PPM, A2; 9495

 Proprietary: NO
 Ingredient: XYLENE (SARA 313) (CERCLA). VP: 5.1 @ 20C.
 Ingredient Sequence Number: 13
 Percent: 10-15
 NIOSH (RTECS) Number: ZE2100000
 CAS Number: 1330-20-7
 OSHA PEL: 100 PPM
 ACGIH TLV: 100 PPM/150STEL;9495

Proprietary: NO
 Ingredient: PROPANE-ISOBUTANE MIXTURE
 Ingredient Sequence Number: 14
 Percent: 30
 NIOSH (RTECS) Number: 1006795PI
 CAS Number: 68476-86-8
 OSHA PEL: 1000 PPM (MFR)
 ACGIH TLV: N/K (FP N)

Proprietary: NO
 Ingredient: EXPLAN OF CARCIN:CARCINOGEN. ANIMAL: LUNG, LIV, SALIVARY,
 MAMMARY GLAND (TUMORS).
 Ingredient Sequence Number: 15
 NIOSH (RTECS) Number: 9999999ZZ
 OSHA PEL: NOT APPLICABLE
 ACGIH TLV: NOT APPLICABLE

Proprietary: NO
 Ingredient: FIRST AID PROC:CLEANERS, AND WASH CLOTHING.
 Ingredient Sequence Number: 16
 NIOSH (RTECS) Number: 9999999ZZ
 OSHA PEL: NOT APPLICABLE
 ACGIH TLV: NOT APPLICABLE

Proprietary: NO
 Ingredient: RESP PROT:TC23C OR EQUIVALENT), OR LEAVE THE AREA.
 Ingredient Sequence Number: 17
 NIOSH (RTECS) Number: 9999999ZZ
 OSHA PEL: NOT APPLICABLE
 ACGIH TLV: NOT APPLICABLE

Proprietary: NO
 Ingredient: OTHER PROT EQUIP:OF AN INDUSTRIAL HYGIENIST.
 Ingredient Sequence Number: 18
 NIOSH (RTECS) Number: 9999999ZZ
 OSHA PEL: NOT APPLICABLE
 ACGIH TLV: NOT APPLICABLE
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Physical/Chemical Characteristics

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Appearance And Odor: TYPICAL SOLVENT PAINT
 Boiling Point: >133F,>56C
 Melting Point: 1500F,816C
 Vapor Density (Air=1): HVR/AIR
 Specific Gravity: <1 (H*20=1)
 Evaporation Rate And Ref: SLOWER THAN ETHER
 Solubility In Water: SLIGHT TO MODERATE
 Percent Volatiles By Volume: 80-90
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Fire and Explosion Hazard Data

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Flash Point: 0F,-18C
 Flash Point Method: TCC
 Lower Explosive Limit: 1.0
 Extinguishing Media: ALCOHOL, FOAM, CO*2, DRY CHEMICAL.
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Special Fire Fighting Proc: USE NIOSH/MSHA APPRVD SCBA & FULL PROT EQUIP (FP N). WATER SPRAY MAY BE INEFT. WATER SPRAY BE USED TO COOL CLSD CNTNRS TO PVNT PRESS BUILD UP & POSS (SUPDAT)
Unusual Fire And Expl Hazrds: CLSD CNTNRS MAY EXPLODE &/AUTOIGNITE WHEN EXPOSED TO EXTREME HEAT, VAPS ARE HEAVIER THAN AIR & MAY TRAVEL ALONG THE GROUND/MAY BE MOVED BY VENT & IGNIT (SUPDAT)

Reactivity Data

Stability: YES
Cond To Avoid (Stability): HEAT, SPARKS AND OPEN FLAME.
Materials To Avoid: AVOID CONTACT WITH STRONG OXIDIZING AGENTS AND HEAT.
Hazardous Decomp Products: MAY FORM HEAT MATERIALS, CARBON DIOXIDE/ CARBON MONOXIDE, VARIOUS HYDROCARBONS, NITROGEN COMPOUND, H*2O, WHEN BURNED.
Hazardous Poly Occur: NO
Conditions To Avoid (Poly): NOT RELEVANT.

Health Hazard Data

LD50-LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.
Route Of Entry - Inhalation: YES
Route Of Entry - Skin: YES
Route Of Entry - Ingestion: NO
Health Haz Acute And Chronic: ACUTE:INHAL:EXCESSIVE INHAL OF VAPORS CAN CAUSE NASAL & RESPIRATORY IRRIT, DIZZINESS, WEAKNESS, FATIGUE, NAUSEA HEADACHES, POSSIBLE UNCONSCIOUSNESS & EVEN ASPHYXIATION. EYE:CAN CAUSE SEVERE IRRITATION, REDNESS, TEARING, BLURRED VISION. INGEST:CAN CAUSE GI IRRIT, NAUSEA, VOMITING, DIARR. SKIN:CAN CAUSE (EFTS OF OVEREXP)
Carcinogenicity - NTP: YES
Carcinogenicity - IARC: YES
Carcinogenicity - OSHA: NO
Explanation Carcinogenicity: METHYLENE CHLORIDE:IARC MONOGRAPHS SUPP, VOL 7, PG 194, 1987: GROUP 2B 1987: GROUP 2B. NTP 7TH ANNUAL RPT ON (SUPDAT)
Signs/Symptoms Of Overexp: HLTH HAZ:IRRIT FOR SOME PERS. CHRONIC:RPTS HAVE ASSOC RPTD & PRLNG OCCUP OVEREXP TO SOLV W/PERM BRAIN & NERVS SYS DMG. SEV OVEREXP IN LAB ANIMALS HAS ALSO CAUSED LIVER ABNORM & DMG TO KIDNEYS, LUNGS, & SPLEEN, HEART & ADRENALS. INTENTIONAL MISUSE BY DELIB CONCENTRATING & INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.
Med Cond Aggravated By Exp: GENERALLY AGGRAVATED BY EXPOSURE CAN CAUSE RESPIRATORY AND/OR SKIN REACTION.
Emergency/First Aid Proc: INHAL:REMOVE INDIVIDUAL TO FRESH AIR. IF BRTHG IS DFCULT, ADMINISTER OXYGEN. IF BRTHG IS STOPPED. GIVE ARTF RESP & SEEK MED HELP. EYES:FLUSH W/H*2O FOR AT LEAST 15 MIN WHILE HOLDING EYELIDS OPEN. INGEST:DO NOT INDUCE VOMIT (ASPIRATION OF MATL INTO LUNGS CAN CAUSE PNEUMITS, WHICH CAN BE FATAL). KEEP PERS WARM, QUIET & GET MED ATTN/POISON CONTROL CENTER. SKIN:WASH W/SOAP & H*2O/VARIOUS HAND (ING 16)

Precautions for Safe Handling and Use

Steps If Matl Released/Spill: ELMINATE ALL IGNITION SOURCES. VENTILATE AREA, ABSORB LIQUID ON PAPER, VERMICULITE, FLOOR ABSORBENT, OR OTHER ABSORBENT MATERIAL AND TRANSFER TO A CLOSED CONTAINER.
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.
Waste Disposal Method: MATERIAL COLLECTED ON ABSORBENT MATERIAL MAY BE DEPOSITED IN A POSTED TOXIC SUBSTANCE LANDFILL IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.
Precautions-Handling/Storing: DO NOT PUNCTURE OR INCINERATE. DO NOT STORE IN AREAS ABOVE 120F, OR IN DIRECT SUNLIGHT, OR NEAR HEAT OR OPEN FLAMES.
Other Precautions: STORAGE CATAGORY: STORE LARGE QUANTITIES IN BUILDING PROTECTED FOR STORAGE OR FLAMMABLE LIQUIDS.

Control Measures

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, HDCH/DIZZ, INCR FRESH AIR.
WEAR RESP PROT (NIOSH/MSHA (ING 17)
Ventilation: FOR REGULAR/CONTINUOUS USE-PROVIDE SUFFICIENT MECH (GEN) &/
LOC EXHST VENT TO MAINTAIN EXPOS BELOW TLVS IN SECTION II.
Protective Gloves: NEOPRENE GLOVES.
Eye Protection: ANSI APPROVED CHEM WORKERS GOGGS (FP N).
Other Protective Equipment: ANSI APPRVD EMER EYE WASH & DELUGE SHOWER (FP
N). WHERE SPECIAL/UNUSUAL CONDTNS EXIST, SEEK EXPERT ASSISTANT (ING 18)
Work Hygienic Practices: WASH HANDS BEFORE EATING OR USING WASHROOM AS
WITH ALL CHEMICALS, MINIMIZE PERSONAL CONTACT.
Suppl. Safety & Health Data: FIRE FIGHT PROC:AUTOIGNITION/EXPLOSION WHEN
BY PILOT LIGHTS, OTHER FLAMES, SPARKS, HEATERS, SMOLTING, ELECTRIC MOTORS
CARCINOGENS, 1994: ANTIC TO BE (ING 15)

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Transportation Data
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Disposal Data
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Label Data
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Label Required: YES
Technical Review Date: 21MAY96
Label Date: 11APR96
Label Status: G
Common Name: BUMPER PAINT, CHROME 20-199
Chronic Hazard: YES
Signal Word: DANGER!
Acute Health Hazard-Moderate: X
Contact Hazard-Moderate: X
Fire Hazard-Severe: X
Reactivity Hazard-None: X
Special Hazard Precautions: EXTREMELY FLAMMABLE. ACUTE:INHAL:NASAL &
RESPIRATORY IRRIT, DIZZ, WEAKNESS, FATIGUE, NAUSEA HEADACHES, POSSIBLE
UNCONSCIOUSNESS & EVEN ASPHYXIATION. EYE: SEVERE IRRIT, REDNESS, TEARING,
CANCER HAZARDS. CONTAINS METHYLENE CHLORIDE, WHICH IS LISTED AS AN ANIMAL
LUNG, LIVER, SALIVARY & MAMMARY GLAND CARCINOGEN (FP N). OVEREXPOSURE TO
SOLVENTS MAY CAUSE PERMENENT BRAIN & NERVOUS SYSTEM DAMAGE. LIVER ABNORM &
DAMAGE TO KIDNEYS, LUNGS & SPLEEN, HEART & ADRENALS. INTENTIONAL MISUSE BY
DELIBERATELY CONCENTRATING & INHALING THE CONTENTS MAY BE HARMFUL/FATAL.
Protect Eye: Y
Protect Skin: Y
Protect Respiratory: Y
Label Name: A PLASTI-KOTE CO INC
Label Street: 1000 LAKE RD
Label City: MEDINA
Label State: OH
Label Zip Code: 44256
Label Country: US
Label Emergency Number: 216-725-4511