

TEMPO 20-131 BATTERY PROTECTOR

MSDS Number

BSNCS

National Stock Number

7930-00F031324

Product Name

TEMPO 20-131 BATTERY PROTECTOR

Manufacturer

PLASTI KOTE INC (TEMPO PRODUCTS CO)

Product Identification

Product ID:TEMPO 20-131 BATTERY PROTECTOR

MSDS Date:01/14/1987

FSC:7930

NIIN:00F031324

MSDS Number: BSNCS

Responsible Party

PLASTI-KOTE INC (TEMPO PRODUCTS CO)

1000 LAKE RD

MEDINA , OH 44258

US

Emergency Phone: 216-725-4511

Info Phone: 216-725-4511

Cage: EO706

Contractor

TEMPO PRODUCTS CO A PLASTI-KOTE CO INC

MEDINA, OH 44256

US

330-725-4511

Cage: 07708

Ingredients

ISOBUTANE, 2-METHYLPROPANE (PROPELLANT)

CAS: 75-28-5

RTECS: TZ4300000

Fraction By Weight:

OSHA PEL1800 MG/CUM

ACGIH TLV: 1000 PPM

NON-HAZARDOUS FOR INGREDIENTS (PROPELLANT)

Fraction By Weight: 10-15%

BUTANE, N-BUTANE (PROPELLANT)

CAS: 106-97-8

RTECS: EJ4200000

OSHA PEL800 PPM
ACGIH TLV: 1900 MG/CUM

ACETONE; DIMETHYL KETONE
CAS: 67-64-1

RTECS: AL3150000
Fraction By Weight: 45-50%
OSHA PEL2400 MG/CUM
ACGIH TLV: 750 PPM
EPA Report Quantity: 5000 LBS
DOT Report Quantity: 5000 LBS

DIACETONE ALCOHOL
CAS: 123-42-2
RTECS: SA9100000
Fraction By Weight: 5-10%
OSHA PEL240 MG/CUM
ACGIH TLV: 238 MG/CUM

XYLENE, DIMETHYLBENZENE, XYLOL
CAS: 1330-20-7
RTECS: ZE2100000
Fraction By Weight: 5-10%
OSHA PEL100 PPM
ACGIH TLV: 100 PPM, SKIN
EPA Report Quantity: 1000 LBS
DOT Report Quantity: 1000 LBS

2-BUTANONE (METHYL ETHYL KETONE) (MEK)
CAS: 78-93-3
RTECS: EL6475000
Fraction By Weight: 5-10%
OSHA PEL200 PPM
ACGIH TLV: 590 MG/CUM
EPA Report Quantity: 5000 LBS
DOT Report Quantity: 5000 LBS

7-8 (PAINT)
RTECS: 9999999WG

PROPANE (PROPELLANT)

CAS: 74-98-6

RTECS: TX2275000

Fraction By Weight:

OSHA PEL1000 PPM

ACGIH TLV: SIMPLE ASPHYXIAN

Hazards

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

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

Health Hazards Acute and Chronic: INHALATION: VAPORS MAY CAUSE NASAL & RESPIRATORY IRRITATION, ASPHYXIATION. ALLERGIC RESPIRATORY REACTION. EYES: SEVERE IRRITATION. INGESTION: GASTROINTESTINAL IRRITATION. OVEREXPOSURE TO SOLVENTS MAY CAUSE PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE. SKIN: IRRITATION, ALLERGIC REACTIONS.

Explanation of Carcinogenicity: NONE

Effects of Overexposure: INHALATION: DIZZINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHE, & UNCONSCIOUSNESS. EYES: REDNESS, TEARING, & BLURRED VISION. INGESTION: NAUSEA, VOMITING, DIARRHEA.

First Aid

First Aid: INHALATION: REMOVE TO FRESH AIR. IF NECESSARY, GIVE OXYGEN & CPR. EYES: FLUSH W/ WATER FOR 15 MINS. INGESTION: DON'T INDUCE VOMITING. ASPIRATION HAZARD. KEEP PERSON WARM, QUIET. SKIN: WASH W/ SOAP & WATER OR VARIOUS HAND CLEANERS. WASH CLOTHING BEFORE REUSE. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Fire Fighting

Flash Point: 0F/-18C

Lower Limits: 1%

Extinguishing Media: ALCOHOL FOAM, CO2, DRY CHEMICAL. WATER SPRAY MAY BE INEFFECTIVE.

Fire Fighting Procedures: USE WATER TO COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILD-UP/AUTOIGNITION/EXPLOSION. WEAR SCBA/FULL FACEPIECE IN PRESSURE DEMAND. PREFER FOG NOZZLES.

Unusual Fire/Explosion Hazard: CLOSED CONTAINERS MAY EXPLODE/AUTOIGNITE WHEN EXPOSED TO HEAT. VAPORS ARE HEAVIER THAN AIR/TRAVEL ALONG GROUND/IGNITE BY IGNITION SOURCE. EXTREMELY FLAMMABLE.

Accidental Release

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

Handling

Handling and Storage Precautions: DON'T STORE IN TEMPS > 120F OR NEAR OTHER IGNITION SOURCES. DON'T PUNCTURE OR INCINERATE. NO SMOKING. AVOID INHALATION OF VAPORS & CONTACT W/ SKIN/EYES.

Other Precautions: INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING & INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.

Exposure Controls

Respiratory Protection: WEAR NIOSH/MSHA APPROVED RESPIRATORY OR LEAVE THE AREA IF EXPERIENCY SYMPTOMS.

Ventilation: SUFFICIENT MECHANICAL (GENERAL)/LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW TLVS

Protective Gloves: CHEMICAL RESISTANT (NEOPRENE)

Eye Protection: CHEMICAL SPLASH GOGGLES

Work Hygienic Practices: WASH HANDS BEFORE EATING OR USING WASHROOM.

Supplemental Safety and Health

EVAPORATION RATE (PROPELLANT): (BU AC = 1): (PROPELLANT): -100F. TO AVOID BREATHING VAPORS OR SPRAY MISTS, OPEN WINDOWS & DOORS, OR USE OTHER MEANS TO ENSURE FRESH ENTRY DURING APPLICATION & DRYING.

Chemical Properties

Boiling Pt:B.P. Text:133-331F
Melt/Freeze Pt:M.P/F.P Text: 1500F
Vapor Density:>1
Spec Gravity:Evaporation Rate & Reference:(BU AC = 1): >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
STRONG OXIDIZING AGENTS
Stability Condition to Avoid:HEAT, ELECTRIC MOTORS, TEMPS >120F, DIRECT
SUNLIGHT, & OTHER SOURCES OF IGNITION
Hazardous Decomposition Products:CO, CO2, VARIOUS HYDROCARBONS,
NITROGEN COMPOUNDS

Disposal

Waste Disposal Methods:EXTREMELY FLAMMABLE. DEPOSIT IN POSTED TOXIC
SUBSTANCE LANDFILL IN ACCORDANCE W/LOCAL, STATE, & FEDERAL
REGULATIONS.

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