

===== MSDS
Safety Information
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FSC: 8010 **MSDS Date:** 05/15/1996 **MSDS Num:** CHJVQ

Submitter: N NF **LIIN:** 00N087344 **Tech Review:** 01/25/2002 **Status CD:** C

Product ID: DO IT BEST RUST COAT ENAMELS, 1291 ENAMEL **MFN:** 01

Article: N **Kit Part:** N

Cage:
Responsible Party 07708

Name:
A PLASTI-KOTE CO INC

Address:
1000 LAKE RD
City: MEDINA **State:** OH **Zip:** 44256

Country:
US

Info Phone Number:
216-725-4511

Emergency Phone Number:
216-725-4511

Radioactive Ind:
N

Preparer's Name:
N/P

Proprietary Ind: N **Review Ind:** N

Published: Y **Special Project CD:** N

===== Contractor
Summary =====

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Cage: 07708 **Name:** TEMPO PRODUCTS CO A PLASTI-KOTE CO INC

Address: 1000 LAKE ROAD
City: MEDINA **State:** OH **Zip:** 44256
Country: US **Phone:** 330-725-4511

===== Ingredients
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Cas: 67-64-1

M

AL3150000

M

Code:

RTECS #:

Code:

Name: ACETONE (SARA 313) (CERCLA). VP:186 @ 20C. EVAP RATE:SLOWER THAN ETHER. FL PT:0F,-18C.

% Text: 32-40

Environmental Wt:

Other REC Limits: N/K

OSHA PEL:

1000 PPM

Code: M OSHA STEL:

Code:

ACGIH TLV: 750 PPM;1000 STEL

Code: M ACGIH N/P STEL:

Code:

EPA Rpt Qty: 5000 LBS

DOT 5000 LBS Rpt Qty:

Ozone Depleting Chemical:

N

Cas: 64-17-5

M

KQ6300000

M

Code:

RTECS #:

Code:

Name: ETHYL ALCOHOL; (ETHANOL). VP:40 @ 20C. EVAP RATE:SLOWER THAN ETHER. FL PT:0F,-18C.

% Text: 5-10

Environmental Wt:

Other REC Limits: N/K

OSHA PEL:

1000 PPM

Code: M OSHA STEL:

Code:

ACGIH TLV: 1000 PPM

Code: M ACGIH N/P STEL:

Code:

EPA Rpt Qty:

DOT Rpt Qty:

Ozone Depleting Chemical:

N

Cas: 763-69-9

M

UF3325000

M

Code:

RTECS #:

Code:

Name: PROPIONIC ACID, 3-ETHOXY-, ETHYL ESTER; (ETHYL-3-ETHOXYPROPIONATE). VP:0.67 @20C. EVAP RATE:SLOWER/ETHER. FL PT:0F,-18C.

% Text: 5-10

Environmental Wt:

Other REC Limits: N/K

OSHA PEL:

N/K (FP N)

Code: M OSHA STEL:

Code:

ACGIH TLV: 50 PPM (MFR)

Code: M ACGIH N/P STEL:

Code:

EPA Rpt Qty:

DOT Rpt Qty:

Ozone Depleting Chemical:

N

Cas: 67-63-0

M

NT8050000

M

Code:

RTECS #:

Code:

Name: ISOPROPYL ALCOHOL (SARA 313). VP:33 @ 20C. EVAP RATE:SLOWER THAN ETHER. FL PT:0F,-18C.

% Text: 0-5

Environmental Wt:

Other REC Limits: N/K

OSHA PEL:

400 PPM

Code: M OSHA STEL:

Code:

ACGIH TLV: 400 PPM;500 STEL

Code: M ACGIH N/P STEL:

Code:

EPA Rpt Qty:

DOT Rpt Qty:

Ozone Depleting Chemical:

N

Cas: 78-93-3

M

EL6475000

M

Code:

RTECS #:

Code:

Name: 2-BUTANONE; (METHYL ETHYL KETONE) (MEK) (SARA 313) (CERCLA). VP:70 @ 20C. EVAP RATE:SLOWER THAN ETHER. FL PT:0F,-18C.

% Text: 0-5

Environmental Wt:

Other REC Limits: N/K

OSHA PEL:

200 PPM

Code: M OSHA STEL:

Code:

ACGIH TLV: 200 PPM;300 STEL

Code: M ACGIH N/P STEL:

Code:

EPA Rpt Qty: 5000 LBS

DOT 5000 LBS Rpt Qty:

Ozone Depleting Chemical:

N

Cas: 1330-20-7

M

ZE2100000

M

Code:

RTECS #:

Code:

Name: XYLENE (SARA 313) (CERCLA). VP:5.1 @ 20C. EVAP RATE:SLOWER THAN ETHER. FL PT:0F,-18C.

% Text: 5-10

Environmental Wt:

Other REC Limits: N/K

OSHA PEL:

100 PPM

Code: M OSHA
STEL:

Code:

ACGIH TLV: 100 PPM;150 STEL

Code: M ACGIH N/P
STEL:

Code:

EPA Rpt Qty: 1000 LBS

DOT 1000 LBS
Rpt
Qty:

Ozone Depleting Chemical:

N

Cas: 68476-86-8

M

X

Code:

RTECS #:

Code:

Name: HYDROCARBON PROPELLANT; (PROPANE-ISOBUTANE MIXTURE). EVAP RATE:FASTER THAN ETHER. FL PT:-100F,-73C.

% Text: 23

Environmental Wt:

Other REC Limits: N/K

OSHA PEL:

1000 PPM (MFR)

Code: M OSHA
STEL:

Code:

ACGIH TLV: N/K (FP N)

Code: M ACGIH N/P
STEL:

Code:

EPA Rpt Qty:

DOT
Rpt
Qty:

Ozone Depleting Chemical:

N

Hazards Data

Health

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LD50 LC50 Mixture

NONE SPECIFIED BY MANUFACTURER.

Route Of Entry Inds – Inhalation: YES

Skin: YES

Ingestion: YES

Carcinogenicity Inds – NTP: NO

IARC: NO

OSHA: NO

Health Hazards Acute And Chronic

ACUTE:INHAL:EXCESSIVE INHAL OF VAPS CAN CAUSE NASAL & RESP IRRIT, DIZZ, WEAK, FATG, NAUS, HDCH, POSS UNCON & EVEN ASPHY. EYE CONT:CAN CAUSE SEV IRRIT, REDNESS, TEARING, BLURRED VISION. INGEST:CAN CAUS E GI IRRIT, NAUS, VOMIT, DIARR. SKIN CONT:CAN CAUSE IRRIT FOR SOME PERSONS. CHRONIC:REPORTS HAVE ASSOC RPTD & PRLNG OCCUP OVEREXP TO SOLVS W/PERM BRAIN & NERV SYS DMG. SEV OVEREXP IN LAB ANIMALS HAS A LSO CAUSED LIVER ABNORMS & DMG TO KIDNEYS, LUNGS & SPLEEN, HEART & ADRENALS. INTENTIONAL MISUSE BY DELIB CONC & INHALING CONTENTS MAYBE HARMFUL/FATAL.

Explanation Of Carcinogenicity

NOT RELEVANT

Signs And Symptions Of Overexposure

N/P

Medical Cond Aggravated By Exposure

CAN CAUSE RESPIRATORY &/OR SKIN REACTION.

First Aid

INHAL:REMOVE INDIVIDUAL TO FRESH AIR. IF BRTHG IS DFCLT, ADMIN OXYG. IF BRTHG IS STOPPED, GIVE ARTF RESP & SEEK MED HELP. EYES:FLUSH W/WATER FOR AT LST 15 MINS WHILE HOLDING EYELIDS OPEN. INGEST:DO NO T INDUCE VOMIT (ASPIR OF MATL INTO LUNGS CAN CAUSE PNEUMONIC, WHICH CAN BE FATAL). KEEP PERSON WARM, QUIET & GET MED ATTN/POIS CTL CTR. SKIN:WASH W/SOAP & WATER/VARIOUS HAND CLEANERS & WASH CLOTHING.

Spill Release Procedures

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

Neutralizing Agent

NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods

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

Handling And Storage Precautions

DO NOT PUNCTURE OR INCINERATE. DO NOT STORE IN AREAS ABOVE 120F, OR IN DIRECT SUNLIGHT, OR NEAR HEAT OR OPEN FLAMES.

Other Precautions

STORE LARGE QUANTITIES IN BUILDING PROTECTED FOR STORAGE OF FLAMMABLE LIQUIDS. AS WITH ALL CHEMICALS MINIMIZE PERSONAL CONTACT.

Explosion Hazard Information

Fire and

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Flash Point Method:

TCC

Flash Point:

Flash Point Text: -100F,-73C

Autoignition Temp:

Autoignition Temp Text: N/A

Lower Limits: 1%

Upper Limits: N/K

Extinguishing Media

ALCOHOL FOAM, CO*2, DRY CHEMICAL.

Fire Fighting Procedures

USE NIOSH APPRVD SCBA & FULL PROT EQUIP (FP N). WATER SPRAY MAY BE INEFT. WATER MAY BE USED TO COOL CLSD CNTNRS TO PVNT PRESS BUILD UP & POSS AUTOIGNIT/EXPLO WHEN EXPOS TO EXTREME HEAT. IF WATER IS US ED, FOG NOZZ ARE PREF.

Unusual Fire/Explosion Hazard

FLAMMABILITY CLASS:OSHA IA. EXTREMELY FLAMM. LEVEL 3 AEROSOL. CLSD CNTNRS MAY EXPLODE &/OR AUTOIGNITE WHEN EXPOS TO EXTREME HEAT. VAPS ARE HVR/AIR & MAY TRAVEL ALONG GROUND/MAY BE MOVED BY VENT & IGNI TED BY PILOT LIGHTS, OTHER FLAMES, SPKS, HEATERS, SMOKING, ELEC MOTORS/OTHER LOCATIONS DIST FROM MATL HNDLG (SUPDAT)

Measures

Control

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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 APPLICATION & DRYING. IF YOU EXPER EYE WATERING, HDCH/DIZZ, INCR FRESH AIR, W EAR NIOSH APPRVD RESP PROT (TC23C/EQUIV), OR LEAVE AREA.

Ventilation

FOR REGULAR/CONTINUOUS USE-PROVIDE SUFFICIENT MECH (GEN) &/OR LOC EXHST VENT TO MAINTAIN EXPOS BELOW TLV'S IN INGS.

Protective Gloves

CHEMICAL RESISTANT GLOVES (NEOPRENE).

Eye Protection

ANSI APPROVED CHEM WORKERS GOGGS (FP N).

Other Protective Equipment

ANSI APPRVD EYE WASH FOUNTAIN DELUGE SHOWER (FP N). WHERE SPECIAL/UNUSUAL CNDTNS EXIST, SEEK EXPERT ASSISTANCE OF AN INDUSTRIAL HYGIENIST.

Work Hygienic Practices

WASH HANDS BEFORE EATING OR USING WASHROOM.

Supplemental Safety and Health

EXPLO HAZ: POINT. FL PT: 0F(-18C) TCC (PROPELLANT = -100F).

Physical/Chemical Properties

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HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text: >133F,>56C

Melt/Freeze Pt:

M.P/F.P Text: 1500F,816C

Decomp Temp:

Decomp Text: N/K

Vapor Pres: SEE INGS

Vapor Density: HVR/AIR

Volatile Org Content %:

Spec Gravity: <1 (H*2O=1)

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity: N/P

Evaporation Rate & Reference: SLOWER THAN ETHER

Solubility in Water: SLIGHT TO MODERATE

Appearance and Odor: TYPICAL SOLVENT PAINT.

Percent Volatiles by Volume: 80-90

Corrosion Rate: N/K

Stability Indicator:

YES

Stability Condition To Avoid: HEAT, SPARKS OPEN FLAME.

Materials To Avoid: AVOID CONTACT W/STRONG OXIDIZING AGENTS.

Hazardous Decomposition Products: MAY FORM TOXIC MATERIALS, CARBON DIOXIDE/CARBON MONOXIDE, VARIOUS HYDROCARBONS, NITROGEN COMPOUNDS, ETC, WHEN HEATED.

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization NOT RELEVANT

Toxicological Information:

N/P

Ecological:

N/P

Transport Information:

N/P

Sara Title III Information:

N/P

Federal Regulatory Information: N/P

State Regulatory Information: N/P

Other Information:

N/P

[Print Labels](#)

Product ID:

DO IT BEST RUST COAT ENAMELS, 1291 ENAMEL

Cage: 07708

Assigned IND: N

Company Name:

TEMPO PRODUCTS CO A PLASTI-KOTE CO INC

Street: 1000 LAKE ROAD

PO Box:

City:

MEDINA

State: OH

Zipcode: 44256

Country: US

Health Emergency Phone:

216-725-4511

Label Required IND:

Y

Date Of Label Review: 07/07/1998

Status Code: C

MFG Label NO:

Label Date: 07/07/1998

Year Procured:

Origination Code:

M

Chronic Hazard IND: Y

Eye Protection IND: YES

Skin Protection IND: YES

Signal Word: DANGER

Respiratory Protection YES
IND:

Health Hazard:

Severe

Contact Hazard: Severe

Fire Hazard:

Severe

Reactivity Hazard: None

Hazard And Precautions

EXTREMELY FLAMMABLE. ACUTE:INHAL:EXCESSIVE INHALATION OF VAPORS CAN CAUSE NASAL & RESPIRATORY IRRITATION, DIZZINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHE, POSSIBLE UNCONSCIOUSNESS & EVEN ASPHYXIATION. EYE CONT:CAN CAUSE SEVERE IRRITATION, REDNESS, TEARING, BLURRED VISION. INGEST:CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, DIARRHEA. SKIN CONT:CAN CAUSE IRRIT FOR SOME PERSONS. CHRONIC:RE PORTS HAVE ASSOC REPEATED & PROLONGED OCCUP OVEREXP TO SOLVENTS W/PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE. SEVERE OVEREXP IN LAB ANIMALS HAS CAUSE LIVER ABNORMALITIES & DAMAGE TO KIDNEYS, LUNGS, SPLEE N, HEART & ADRENALS. MISUSE MAY BE HARMFUL/FATAL.

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