

===== MSDS
Safety Information
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FSC: 8010 MSDS Date: 10/20/1990 MSDS Num: BLFRG

Submitter: N EN LIIN: 00N018488 Tech Review: 09/18/1991 Status CD: C

Product ID: #593 PUTTY-COTE MFN: 01

Article: N Kit Part: N

Cage: 16522
Responsible Party

Name: DYNATRON/BONDO CORP

Address: 3700 ATLANTA INDUSTRIAL PARKWAY NW

City: ATLANTA State: GA Zip: 30331-1098

Country: US

Info Phone Number: 800-241-3386

Emergency Phone Number: 404-696-2730; 404-971-1502

Preparer's Name: M WHEELOCK

Proprietary Ind: N Review Ind: N

Published: Y Special Project CD: N

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

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Cage: 16522 Name: BONDO/MAR-HYDE CORP

Address: 3700 ATLANTA INDUSTRIAL PKWY NW
City: ATLANTA State: GA Zip: 30331
Country: US Phone: 404-696-2730

===== Ingredients
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Cas: X RTECS #: X
Code: Code:

Name: UNSATURATED POLYESTER RESIN

% Text: <25

Environmental Wt:

OSHA PEL:

Other REC Limits: N/K

NOT APPLICABLE

Code: M OSHA
STEL:

Code:

ACGIH TLV: NOT APPLICABLE

Code: M ACGIH N/P
STEL:

Code:

EPA Rpt Qty:

DOT
Rpt
Qty:

Ozone Depleting Chemical:

Cas: 100-42-5

M

WL3675000

M

Code:

RTECS #:

Code:

Name: STYRENE, MONOMER (SARA III)

% Text: 18

Environmental Wt:

OSHA PEL:

Other REC Limits: N/K

100 PPM

Code: M OSHA
STEL:

Code:

ACGIH TLV: S,50PPM/100STEL;9293

Code: M ACGIH N/P
STEL:

Code:

EPA Rpt Qty: 1000 LBS

DOT 1000 LBS
Rpt
Qty:

Ozone Depleting Chemical:

N

Cas: 14807-96-6

M

WW2710000

M

Code:

RTECS #:

Code:

Name: TALC (CONTAINING NO ASBESTOS)

% Text: N/K

Environmental Wt:

OSHA PEL:

Other REC Limits: N/K

2 MG/M3 RDUST

Code: M OSHA
STEL:

Code:

ACGIH TLV: 2 MG/M3 RDUST; 9192

Code: M ACGIH N/P
STEL:

Code:

EPA Rpt Qty:

DOT
Rpt
Qty:

Ozone Depleting Chemical:

N

Cas: 1317-65-3

M

EV9580000

M

Code:

RTECS #:

Code:

Name: CALCIUM CARBONATE (MARBLE) (LIMESTONE)

% Text: N/K

Environmental Wt:

Other REC Limits: N/K

OSHA PEL:

15 MG/M3 TDUST

Code: M OSHA
STEL:

Code:

ACGIH TLV: 10 MG/M3 TDUST; 9192

Code: M ACGIH N/P
STEL:

Code:

EPA Rpt Qty:

DOT
Rpt
Qty:

Ozone Depleting Chemical:

N

Cas: 13463-67-7

M

XR2275000

M

Code:

RTECS #:

Code:

Name: TITANIUM DIOXIDE

% Text: N/K

Environmental Wt:

Other REC Limits: N/K

OSHA PEL:

15 MG/M3 TDUST

Code: M OSHA
STEL:

Code:

ACGIH TLV: 10 MG/M3 TDUST; 9293

Code: M ACGIH N/P
STEL:

Code:

EPA Rpt Qty:

DOT
Rpt
Qty:

Ozone Depleting Chemical:

N

LD50 LC50 Mixture

NONE SPECIFIED BY MANUFACTURER.

Route Of Entry Inds – Inhalation: YES

Skin: YES

Ingestion: YES

Carcinogenicity Inds – NTP: NO

IARC: YES

OSHA: NO

Health Hazards Acute And Chronic

ACUTE: MAY CAUSE EYE & SKIN IRRIT. VAPS MAY CAUSE MUC MEMB IRRIT & UPPER RESP TRACT DISCOMFORT. CHRONIC: RPTD EXPOS TO HIGH CONC OF VAP MAY CAUSE LIVER & KIDNEY DMG. EYES: MAY CAUSE IRRIT. LIQ SPLASHES MAY RESULT IN MORE SERIOUS INJURIES. MAY CAUSE TEARING. SKIN: PRLNG/FREQUENT CONTACT MAY CAUSE DEFATTING (EFT OF OVEREXP)

Explanation Of Carcinogenicity

STYRENE MONOMER: GROUP 2B (IARC).

Signs And Symptions Of Overexposure

HLTH HAZ: & DRYNESS OF SKIN W/RESULTANT IRRIT & POSS DERM. STYRENE MAY BE ABSORBED THROUGH SKIN IN TOXIC AMOUNTS. INHAL: VAPORS MAY CAUSE MUC MEMB IRRIT & UPPER RESP TRACT DISCOMFORT. HIGH CONC MAY RES ULT IN HDCH, NAUS, INSENSIBILITY & OTHER CNS EFFECTS. INGEST: MAY CAUSE GI DISTURBANCES, PAIN & DISCOMFORT.

Medical Cond Aggravated By Exposure

INDIVIDUALS W/CHRONIC RESPIRATORY CONDITIONS (I.E., ASTHMA, CHRONIC BRONCHITIS, EMPHYSEMA, ETC) MAY BE ADVERSELY AFFECTED BY ANY FUME OR AIRBORNE PARTICULATE MATTER EXPOSURE.

First Aid

EYES: FLUSH W/PLENTY OF WATER FOR @ LST 15 MIN. GET MD IMMED. SKIN: WASH W/SOAP & WATER. INHAL: REMOVE VICTIM FROM EXPOSURE. IF UNCONSCIOUS, ADMIN ARTF RESP AND/OR O2 AS NEEDED. GET MD. INGEST: DO NOT IND UCE VOMIT (ASPIRATION HAZARD). GET MD IMMED.

Spill Release Procedures

REMOVE ALL SOURCES OF IGNIT. VENT AREA. ABSORB SPILL W/ABSORB MATL SUCH AS SAWDUST, VERMICULITE/SAND & PLACE IN CLSD CNTNR. IF LARGE SPILL, DIKE AREA TO PREVENT MATL FROM ENTERING WATER SYSTEMS/SEWERS .

Neutralizing Agent

NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods

DISPOSE I/A/W FEDERAL, STATE & LOCAL REGULATIONS. IF DISCARDED, MATL & CNTNRS ARE CONSIDERED HAZARDOUS WASTE BASED ON CHARACTERISTIC OF IGNITABILITY.

Handling And Storage Precautions

AVOID STORAGE ABOVE 100F. AVOID PRLNG/RPTD SKIN CONTACT. AVOID INHAL OF VAPORS OR SPRAY MISTS. KEEP OUT OF REACH OF CHILDREN.

Other Precautions

NONE SPECIFIED BY MANUFACTURER.

Explosion Hazard Information

Fire and

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Flash Point Method:

PMCC

Flash Point:

Flash Point Text: SEE INGRED 2

Autoignition Temp:

Autoignition Temp Text: N/A

Lower Limits: SEE ING 2

Upper Limits: SEE ING 2

Extinguishing Media

CO2, DRY CHEMICAL (SMALL FIRES), FOAM & WATER FOG (LARGE FIRES).

Fire Fighting Procedures

COOL CONTAINERS WITH WATER. WEAR NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT (FP N).

Unusual Fire/Explosion Hazard

HIGH TEMPERATURE EXPOSURE FOR EXTENDED PERIODS OF TIME WILL RESULT IN SPONTANEOUS UNCONTROLLED EXOTHERMIC POLYMERIZATION.

Measures

Control

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Respiratory Protection

USE NIOSH/MSHA APPROVED ORGANIC VAPOR RESPIRATOR IF PEL/TLV IS EXCEEDED. APPROPRIATE RESPIRATOR SELECTION DEPENDS UPON TYPE & MAGNITUDE OF EXPOSURE.

Ventilation

GEN VENT REQD DURING NORM USE. LOC VENT REQD DURING CERTAIN OPERATIONS TO KEEP EXPOS LEVELS BELOW TLV LISTED.

Protective Gloves

IMPERVIOUS GLOVES.

Eye Protection

CHEM WORK GOGG, ADD FULL LENGTH (SUPDAT)

Other Protective Equipment

POLYVINYL ALCOHOL POLYETHYLENE PROT GARMENTS FOR PROT AGAINST MATL OF THIS CHEM CLASS. PROT CLTNG TO PVNT SKIN(SUPDAT)

Work Hygienic Practices

WASH HANDS WITH SOAP WATER AFTER EVERY USAGE.

Supplemental Safety and Health

EYE PROT: FACESHIELD TO GOGGLES (FP N). OTHER PROT EQUIP: CONTACT. EYE WASH STATIONS & SAFETY SHOWERS SHOULD BE AVAILBLE.

Physical/Chemical Properties

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HCC:

F4

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text: SEE ING 2

Melt/Freeze Pt:

M.P/F.P Text: N/K

Decomp Temp:

Decomp Text: N/K

Vapor Pres: SEE ING 2

Vapor Density: SEE ING 2

Volatile Org Content %:

Spec Gravity: 1.6 +/- 0.15

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity: N/P

Evaporation Rate & Reference: N/K

Solubility in Water: NEGLIGIBLE

Appearance and Odor: VISCOUS PASTE, SHARP STYRENATED ODOR.

Reactivity Data [TOP](#)

Stability Indicator:

YES

Stability Condition To Avoid: NONE SPECIFIED BY MANUFACTURER.

Materials To Avoid: STRONG ACIDS OXIDIZING AGENTS.

Hazardous Decomposition Products: HEATING OF MATERIAL TO DECOMPOSITION MAY CAUSE EMISSION OF IRRITATING, ACRID FUMES.

Hazardous Polymerization Indicator: YES

Conditions To Avoid Polymerization HEAT DIRECT SUNLIGHT.

Toxicological Information [TOP](#)

Toxicological Information:

N/P

Ecological Information [TOP](#)

Ecological:

N/P

MSDS Transport Information [TOP](#)

Transport Information:

N/P

Regulatory Information [TOP](#)

Sara Title III Information:

N/P

Federal Regulatory Information: N/P

State Regulatory Information: N/P

Other Information [TOP](#)

Other Information:

N/P

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