

DYNATRON/BONDO CORP -- NO. 6294 DENT FILLER COMP A -- 8010-00-926-2135

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Product Identification
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Product ID:NO. 6294 DENT FILLER COMP A

MSDS Date:10/03/1991

FSC:8010

NIIN:00-926-2135

MSDS Number: BMZXQ

=== Responsible Party ===

Company Name:DYNATRON/BONDO CORP

Address:2160 HILLS AVE

City:ATLANTA

State:GA

ZIP:30318-2217

Country:US

Info Phone Num:404-696-2730

Emergency Phone Num:404-696-27

30/800-241-3386

Preparer's Name:M. WHEELock

CAGE:16522

=== Contractor Identification ===

Company Name:BONDO/MAR-HYDE CORP

Address:3700 ATLANTA INDUSTRIAL PKWY NW

Box:City:ATLANTA

State:GA

ZIP:30331

Country:US

Phone:404-696-2730

CAGE:16522

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Composition/Information on Ingredients
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Ingred Name:UNSATURATED POLYESTER RESIN

Fraction by Wt: >40%

Other REC Limits:NONE SPECIFIED

Ingred Name:STYRENE MONOMER (CONTAINED IN POLYESTER RESIN) (SARA 313)

CAS:100-42-5

RTECS #:WL36

75000
Fraction by Wt: < 15%
Other REC Limits:NONE SPECIFIED
OSHA PEL:100 PPM
ACGIH TLV:S,50PPM/100STEL;9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:INERT FILLER, SUCH AS TALC, NON-ASBESTIFORM
CAS:14807-96-6
RTECS #:VV8790000
Fraction by Wt: > 60%
Other REC Limits:NONE SPECIFIED
OSHA PEL:2 MG/M3 T DUST
ACGIH TLV:0.1 MG/M3 R DUST

Ingred Name:TITANIUM DIOXIDE
CAS:13463-67-7
RTECS #:XR2275000
Other REC Limits:NONE SPECIFIED
OSHA PEL:15 MG/M3 TDUST
ACGIH TLV:10 MG/M3 TDUST; 9293

Ingr
ed Name:VOC; 245 G/L = 2.04#/GAL
Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES
Health Hazards Acute and Chronic:MAY CAUSE EYE AND SKIN IRRITATION.
VAPORS MAY CAUSE MUCOUS MEMBRANE IRRITATION AND UPPER RESPIRATORY
TRACT DISCOMFORT. REPEATED EXPOSURE TO HIGH CONCENTRATIONS OF VAPOR
MAY CAUSE LIVER AND KIDNEY DAMA GE.
Explanation of Carcinogenicity:FOR HAZARD COMMUNICATION PURPOSES UNDER
OSHA STANDARD 29CFR 1910.1200, STYRENE IS LISTED AS POSSIBLY
CARCINOGENIC TO
Effects of Overexposure:EYES;MAY CAUSE IRRIT/TEARING.SKIN;MAY CAUSE
DEFATTING/DRYNESS OF SKIN W/RESULTANT IRRIT & POSSIBLE
DERMATITIS.INHALED; VAPORS MAY CAUSE MUCOUS MEMBRANE IRRIT/UPPER
RSPRTRY TRACT DISCOMFORT, HEADACHE,N AUSEA,INSENSIBILITY/OTHER
CNTRL NERVE SYSTEM EFFECTS.INGESTED;MAY CAUSE GASTROINTESTINAL
DISTURBANC

ES,PAIN/DISCOMFORT.

Medical Cond Aggravated by Exposure:INDIVIDUALS WITH CHRONIC RESPIRATORY CONDITIONS (I.E.,ASTHMA, CHRONIC BRONCHITIS, EMPHYSEMA, ETC) MAY BE ADVERSELY AFFECTED BY ANY FUME OR AIRBORNE PARTICULATE MATTER EXPOSURE.

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

First Aid:EYES; FLUSH WITH PLENTY OF WATER FOR 15 MINUTES. SEEK IMMEDIATE MEDICAL AID. SKIN; WASH WITH SOAP AND WATER. INHALATION; REMOVE VICTIM FROM EXPOSURE. IF UNCONSCIOUS, ADMINISTER ARTIFICIAL RESPIRATION AND/OR OXYGEN AS NEEDED. SEEK MEDICAL AID. INGESTION;DO NOT INDUCE VOMITING (ASPIRATION HAZARD). SEEK IMMEDIATE MEDICAL AID.

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===== Fire Fighting Measures =====

Flash Point Method:PMCC

Flash Point:90.0F,32.2C

Lower Limits:1.1%

Upper Limits:6.1(STYRENE)

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL (SMALL FIRES); FOAM AND WATER FOG (LARGE FIRES).

Fire Fighting Procedures:COOL CONTAINERS WITH WATER. FIRE FIGHTERS

SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:HIGH TEMPERATURE EXPOSURE FOR EXTENDED PERIODS OF TIME WILL RESULT IN SPONTANEOUS UNCONTROLLED EXOTHERMIC POLYMERIZATION.

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===== Accidental Release Measures =====

Spill Release Procedures:REMOVE ALL SOURCES OF IGNITION. VENTILATE AREA. ABSORB SPILL WITH AN ABSORBENT MATERIAL SUCH AS SAWDUST, VERMICULITE OR SAND. USE NON-SPARKING TOOLS FOR CLEAN UP. RQ STYRENE=100

0# OR 6,666# OF THIS PRODUCT.

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===== Handling and Storage =====

Handling and Storage Precautions:AVOID STORAGE ABOVE 100 F. AVOID PROLONGED OR REPEATED SKIN CONTACT. AVOID INHALATION OF VAPORS OR SPRAY MISTS. KEEP OUT OF REACH OF CHILDREN.

Other Precautions:HUMANS (CLASS 2B) BY THE IARC. NEITHER DATA FROM VARIOUS LONG-TERM ANIMAL STUDIES NOR FROM EPIDEMIOLOGICAL STUDIES OF WORKERS EXPOSED TO STYRENE PROVIDE ADEQUATE BASIS TO CONCLUDE THAT

STYRENE IS CARC INOGENIC.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:ORGANIC VAPOR RESPIRATOR IF PEL OR TLV IS EXCEEDED. APPROPRIATE RESPIRATOR SELECTION DEPENDS UPON TYPE AND MAGNITUDE OF EXPOSURE.

Ventilation:GENERAL VENTILATION IS REQUIRED DURING NORMAL USE.LOCAL VENTILATION MAY BE REQUIRED DURING CERTAIN OPERATIONS.

Protective Gloves:POLYVINYL ALCOHOL AND POLYETHYLENE

Eye Protection:FACE SHIELD OR CHEMICAL GOGGLES.

Other Protectiv

e Equipment:WEAR PROTECTIVE CLOTHING TO PREVENT SKIN

CONTACT. EYE WASH STATIONS AND SAFETY SHOWERS SHOULD BE AVAILABLE.

Work Hygienic Practices:WASH HANDS WITH SOAP AND WATER AFTER EVERY USAGE.

Supplemental Safety and Health

===== Physical/Chemical Properties =====

HCC:F3

Boiling Pt:B.P. Text:293F,145C

Vapor Pres:5.2 @ 68F

Vapor Density:3.6

Spec Gravity:1.72+.15 @ 68F

Solubility in Water:< 1% @ 68 F

Appearance and Odor:WHITE VISCOUS LIQUID/STYRENE ODOR

Perce

nt Volatiles by Volume:< 15

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG ACIDS AND OXIDIZING AGENTS

Stability Condition to Avoid:AVOID STORAGE ABOVE 100 F

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

Conditions to Avoid Polymerization:EXPOSURE TO HEAT, OPEN FLAME OR CONTAMINATION WITH OXIDIZING AGENTS. AVOID STORAGE ABOVE 100 F (38C).

===== Disposal Considerations =====

Waste Disposal Methods:FOR SMALL SPILLS,ABSORB WITH INERT ABSORBENT AND PLACE IN A CLOSED CONTAINER.IF LARG SPILL,DIKE THE AREA TO PREVENT THIS MATERIAL FROM ENTERING WATER SYSTEMS OR SEWERS. SHOVEL UP WITH NON-SPARKING TOO LS AND PLACE IN CLOSED CONTAINERS FOR DISPOSAL.

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