

DYNATRON/BONDO CORP -- FIBERGLASS RESIN FOR 420,422 REPAIR KIT,18-6848,PART A -- 8030-00D004306

===== Product Identification =====

Product ID:FIBERGLASS RESIN FOR 420,422 REPAIR KIT,18-6848,PART A

MSDS Date:05/22/1991

FSC:8030

NIIN:00D004306

Kit Part:Y

MSDS Number: BYFFH

=== Responsible Party ===

Company Name:DYNATRON/BONDO CORP

Address:2160 HILLS AVE

City:ATLANTA

State:GA

ZIP:30318-2217

Country:US

Info Phone Num:404-696-2730/800-241-3386

Emergency Phone Num:404-696-2730/800-241-3386

Preparer's Name:M. WHEELLOCK

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

Company Name:GRAVES-HUMPHREYS CO

Address:5320 PETERS CREEK RD

Box:13407

City:ROANOKE

State:VA

ZIP:24033

Country:US

Phone:(800-336-5998)

CAGE:1B236

===== Composition/Information on Ingredients =====

Ingred Name:UNSATURATED POLYESTER RESIN

Fraction by Wt: <65%

Other REC Limits:NONE RECOMMENDED

Ingred Name:STYRENE MONOMER (SARA 313)

CAS:100-42-5

RTECS #:WL3675000

Fraction by Wt: 35%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:100 PPM

ACGIH TLV:S,50PPM/100STEL;9495

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:VOLITILE ORGANIC CONTENT AS LISTED ON MSDS: 3.22 LBS/GAL.

RTECS #:9999999VC

Other REC Limits:NONE RECOMMENDED

OSHA PEL:NOT RELEVANT

ACGIH TLV:NOT RELEVANT

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS NOT KNOWN.

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

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

Health Hazards Acute and Chronic:TARGET ORGANS:EYE, SKIN, LIVER, KIDNEY, RESPIRATORY & GI TRACTS. ACUTE- MAY CAUSE EYE, SKIN, RESPIRATORY & GI TRACTS IRRITATION. HARMFUL IF INHALED/INGESTED. MAY CAUSE CNS EFFECTS. MAY CAUSE GASTROINT ESTINAL PAIN. CHRONIC- REPEATED EXPOSURE TO HIGH CONCENTRATIONS OF VAPOR MAY CAUSE LIVER & KIDNEY DAMAGE, DERMATITIS.

Explanation of Carcinogenicity:CONTAINS STYRENE.

Effects of Overexposure:IRRITATION, TEARING, REDNESS AND STINGING OF EYES, DRYING OF SKIN, NAUSEA, VOMITING, HEADACHE, CHEST DISCOMFORT, DERMATITIS, GASTROINTESTINAL PAIN AND DISCOMFORT, DIZZINESS

Medical Cond Aggravated by Exposure:CHRONIC RESPIRATORY CONDITIONS SUCH AS ASTHMA, CHRONIC BRONCHITIS

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

First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES:FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. SKIN:WASH WITH SOAP & WATER. ORAL:DO NOT IN DUCE VOMITING (ASPIRATION HAZARD). IF CONSCIOUS, RINSE MOUTH WITH WATER. SEEK IMMEDIATE MEDICAL ATTENTION. IF SPONTANEOUS VOMITING OCCURS, MONITOR FOR BREATHING DIFFICULTY.

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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%

Extinguishing Media:USE DRY CHEMICAL, CARBON DIOXIDE, FOAM, WATER SPRAY. COOL FIRE EXPOSED CONTAINERS WITH WATER.

Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:VAPOR IS HEAVIER THAN AIR AND CAN TRAVEL TO A SOURCE OF IGNITION AND IGNITE. CONTAINERS MAY RUPTURE DUE TO VAPOR PRESSURE BUILDUP. POLYMERIZATION CAN OCCUR.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. ELIMINATE SOURCES OF IGNITION. VENTILATE AREA. CONTAIN SPILL. PICK UP SPILL WITH NON-FLAMMABLE ABSORBENT SUCH AS SAND, EARTH, VERMICULITE. GROUND ALL HANDLING EQUIPMENTS. PR EVENT LIQUID FROM ENTERING SEWERS OR WATERWAYS.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN COOL, VENTILATED AREA, AWAY FROM SOURCES OF IGNITION AND INCOMPATIBLE MATERIALS. DO NOT STORE ABOVE 100F.

Other Precautions:AVOID BREATHING VAPORS. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR DRINKING. REMOVE CONTAMINATED CLOTHING PROMPTLY. LAUNDER BEFORE REUSE. KEEP OUT OF REACH OF CHILDREN.

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

Respiratory Protection:NONE REQUIRED WHERE ADEQUATE VENTILATION CONDITIONS EXIST. IF AIRBORNE CONCENTRATION IS HIGH, WEAR A NIOSH-APPROVED ORGANIC VAPOR RESPIRATOR.

Ventilation:MECHANICAL (GENERAL AND/OR LOCAL EXHAUST, EXPLOSION-PROOF)

VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:POLYVINYL ALCOHOL TO PREVENT CONTACT

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:EYE WASH STATION, SAFETY SHOWER, WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

Supplemental Safety and Health

KEY1:F4. THIS PRODUCT IS A KIT CONSISTING OF TWO PARTS. PART A, HAS PNI A; PART B HAS PNI B, SAME NSN.

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

HCC:F4

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:293F STYREN

Vapor Pres:5.2 STYREN

Vapor Density:>1

Spec Gravity:1.1

Solubility in Water:NEGLIGIBLE

Appearance and Odor:CLEAR, VISCOUS LIQUID, SHARP STYRENATED ODOR

Percent Volatiles by Volume:35

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, STRONG ACIDS

Stability Condition to Avoid:HEAT, OPEN FLAMES, SPARKS

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE, IRRITATING FUMES

Conditions to Avoid Polymerization:HEAT, DIRECT SUNLIGHT

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

Waste Disposal Methods:CONSULT LOCAL AUTHORITIES. DISPOSAL MUST BE MADE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS. INCINERATION IS RECOMMENDED.

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