

169-06 SOLVENT BASED ARCHITECTURAL COATING

MSDS Number

BLQWB

National Stock Number

8010-00F019721

Product Name

169-06 SOLVENT BASED ARCHITECTURAL COATING

Manufacturer

O'BRIEN CORP

Product Identification

Product ID:169-06 SOLVENT BASED ARCHITECTURAL COATING

MSDS Date:03/01/1990

FSC:8010

NIIN:00F019721

MSDS Number: BLQWB

Responsible Party

O'BRIEN CORPORATION

450 EAST GRAND AVENUE

SOUTH SAN FRANCISCO , CA 94080

Emergency Phone: (800) 338-8084

Info Phone: (800) 338-8084

Preparer: CECILIA R STODDARD

Cage: 91988

Contractor

O'BRIEN CORPORATION

SOUTH SAN FRANCISCO, CA 94080

(800) 338-8084

Cage: 91988

Ingredients

250-440 G/L

RTECS: 9999999VO

ALUMINUM (SARA III)

CAS: 7429-90-5

RTECS: BD0330000

Fraction By Weight: 5%

OSHA PEL15MG/M3 DUST/5 FUME

ACGIH TLV: 10MG/M3 DUST; 9192

SOLVENT NAPHTHA, PETROLEUM, LIGHT AROMATIC C8-C10 (AROMATIC

CAS: 64742-95-6

Fraction By Weight:

OSHA PEL500 PPM

ACGIH TLV: 100 PPM

BARIUM SULFATE

CAS: 7727-43-7

RTECS: CR0600000

Fraction By Weight:

OSHA PEL15 MG/M3 TDUST

ACGIH TLV: 10 MG/M3 TDUST; 9293

BENZENE (SARA III)

CAS: 71-43-2

RTECS: CY1400000

Fraction By Weight:

OSHA PEL1PPM/5STEL;1910.1028

ACGIH TLV: 10 PPM; A2; 9192

EPA Report Quantity: 10 LBS

DOT Report Quantity: 10 LBS

CALCIUM CARBONATE (MARBLE) (LIMESTONE)

CAS: 1317-65-3

RTECS: EV9580000

Fraction By Weight: 5%

OSHA PEL15 MG/M3 TDUST

ACGIH TLV: 10 MG/M3 TDUST; 9192

CARBON BLACK

CAS: 1333-86-4

RTECS: FF5800000

Fraction By Weight: 5 - 10%

OSHA PEL3.5 MG/M3

ACGIH TLV: 3.5 MG/M3; 9192

CHROMIUM (SARA III)

CAS: 7440-47-3

RTECS: GB4200000

Fraction By Weight:

OSHA PEL1 MG/M3

ACGIH TLV: 0.5 MG/M3; 9192

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

SILICA, CRYSTALLINE - QUARTZ

CAS: 14808-60-7

RTECS: VV7330000

Fraction By Weight:

OSHA PELSEE TABLE Z3

ACGIH TLV: 0.1 MG/M3 RDUST;9293

SILICA, CRYSTALLINE - CRISTOBALITE

CAS: 14464-46-1

RTECS: VV7325000

Fraction By Weight:

OSHA PELSEE TABLE Z3

ACGIH TLV: 0.05 MG/M3 RDUST9293

ETHYL SILICATE

CAS: 78-10-4

RTECS: VV9450000

Fraction By Weight:

OSHA PEL100 PPM

ACGIH TLV: 10 PPM; 9293

MICA - SILICATES (< 1% CRYSTALLINE SILICA)

CAS: 12001-26-2

RTECS: VV8760000

Fraction By Weight:

OSHA PEL20 MPPCF

ACGIH TLV: 3 MG/M3 RDUST; 9293

MEDIUM ALIPHATIC NAPHTHA (AROMATIC 100), PARAFFIN-NAPTHANES

CAS: 64742-88-7

Fraction By Weight: 60%

OSHA PEL500 PPM

ACGIH TLV: 100 PPM

SILICON DIOXIDE

CAS: 7631-86-9

RTECS: VV3100000

Fraction By Weight:

OSHA PEL80 MG/CUM

ACGIH TLV: 10 MG/CUM

TALC (CONTAINING NO ASBESTOS)

CAS: 14807-96-6

RTECS: WW2710000

Fraction By Weight: 5%

OSHA PEL2 MG/M3 RDUST

ACGIH TLV: 2 MG/M3 RDUST; 9192

TITANIUM DIOXIDE

CAS: 13463-67-7

RTECS: XR2275000

Fraction By Weight: 15 - 20%

OSHA PEL15 MG/M3 TDUST

ACGIH TLV: 10 MG/M3 TDUST; 9293

XYLENES (O-,M-,P- ISOMERS) (SARA III)

CAS: 1330-20-7

RTECS: ZE2100000

Fraction By Weight:

OSHA PEL100 PPM/150 STEL

ACGIH TLV: 100 PPM/150STEL;9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

ZINC OXIDE

CAS: 1314-13-2

RTECS: ZH4810000

Fraction By Weight:

OSHA PEL15MG/M3 TDUST/5 FUME

ACGIH TLV: 10MG/M3 TDUST; 9293

Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES

Health Hazards Acute and Chronic:INGESTION:

MOUTH/THROAT/GASTROINTESTINAL TRACT IRRITATION & CNS DEPRESSION.

INHALATION: ANESTHETIC, RESPIRATORY TRACT IRRITATION & NERVOUS

SYSTEM DEPRESSION. EYES: IRRITATION & BLURRED VISION. SKIN: I

RRITATION, DERMATITIS, RASH, & SENSITIZER.

Explanation of Carcinogenicity:CARBON BLACK, CHROMIUM, CRYSTALLINE

SILICA, AS QUARTZ/CRISTOBALITE ARE SUSPECTED HUMAN CARCINOGENS.

Effects of Overexposure:INHALATION: PULMONARY/HEART CHANGES, POISONING

EFFECTS TO KIDNEYS/LUNGS/LIVER/BLOOD CELLS, SILICOSIS, DELAY LUNG

INJURY, PNEUMONCONIOSIS, PULMONARY FIBROSIS. PERMANENT BRAIN, CNS,

KIDNEY, LIVER, LUNGS , BLOOD CELLS, BLOOD PRODUCING ORGANS, BLOOD

STORING ORGAN, & PERIPHERAL NERVOUS SYSTEM DAMAGE.

Medical Cond Aggravated by Exposure:LUNG DISEASES

First Aid

First Aid:INGESTION: DRINK 1-2 GLASSES OF WATER. KEEP WARM/QUIET.

CONSULT PHYSICIAN BEFORE INDUCING VOMITING. NEVER GIVE ANYTHING BY

MOUTH TO AN UNCONSCIOUS PERSON. INHALATION: REMOVE TO FRESH AIR.

RESTORE BREATHING. EYES: FLUSH W/WATER FOR 15 MINS. SKIN: WIPE OFF W/RAG & WASH W/SOAP & WATER. OBTAIN MEDICAL ATTENTION IN ALL CASES. NOTE TO PHYSICIAN: SEE SUPPLEMENTAL.

Fire Fighting

Flash Point: 105F
Lower Limits: 1%
Extinguishing Media: FOAM, CO2, DRY CHEMICAL, OR WATER FOG.
Fire Fighting Procedures: USE FULL PROTECTIVE EQUIP & SCBA. USE WATER TO COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILD-UP & AUTO-IGNITION OR EXPLOSION WHEN EXPOSED TO EXTREME HEAT.
Unusual Fire/Explosion Hazard: COMBUSTIBLE LIQUID.

Accidental Release

Spill Release Procedures: REMOVE SOURCES OF IGNITION. SOAK UP & REMOVE W/INERT ABSORBENT MATERIAL W/NON-SPARKING TOOLS.

Handling

Handling and Storage Precautions: STORE UPRIGHT IN SEALED CONTAINERS & USE AWAY FROM HIGH TEMPS, SPARKS, FLAME, & ELECTRICAL EQUIPMENT. KEEP CONTAINER TIGHTLY SEALED WHEN NOT IN USE.
Other Precautions: KEEP OUT OF REACH OF CHILDREN. AVOID CONTACT W/SKIN. DON'T INGEST. APPLICATION TO HOT SURFACES REQUIRES SPECIAL PRECAUTIONS. AVOID BREATHING VAPOR OR SPRAY MIST DURING MIXING, SPRAYING, APPLICATION OR CURING. PROVIDE ADEQUATE VENTILATION.

Exposure Controls

Respiratory Protection: USE A NIOSH/MSHA APPROVED PROPERLY FITTED MECHANICAL RESPIRATOR/MASK DURING MIXING, SPRAYING, APPLICATION OR CURING. USE A NIOSH/MSHA APPROVED PROPERLY FITTED POSITIVE AIR SUPPLIED RESPIRATOR IN CONFINED AREAS OR IF OVERSPRAYING IS PRESENT.
Ventilation: SUFFICIENT IN VOLUME & PATTERN TO KEEP AIR CONTAMINATION
Protective Gloves: RECOMMENDED
Eye Protection: GOGGLES, SAFETY GLASSES W/SIDE SHIELDS
Other Protective Equipment: PROTECTIVE OVERALLS
Work Hygienic Practices: REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. DISCARD CONTAMINATED SHOES.
Supplemental Safety and Health
11 LB/GAL. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING/INHALING THE CONTENTS MAY BE HARMFUL/FATAL. PHYSICIAN NOTE: BIOLOGICAL INDICES INCLUDE PHENOL, METHYLHIPURIC ACIDS IN URINE, & BENZENE IN EXHALED AIR. BENZENE/CHROMIUM/MINERAL SPIRITS/TALC ARE KNOWN TO CALIFORNIA TO CAUSE CANCER OR REPRODUCTIVE TOXICITY.

Chemical Properties

Boiling Pt: B.P. Text: 241-419F
Vapor Density: >AIR
Evaporation Rate & Reference: SLOWER THAN ETHER
Percent Volatiles by Volume: 60%

Stability

Stability Indicator/Materials to Avoid: YES
STRONG OXIDIZERS, ACIDS, & BASES.
Stability Condition to Avoid: HIGH TEMPERATURES, SPARKS, FLAME, HEAT, OR OTHER SOURCES OF IGNITION.
Hazardous Decomposition Products: CO, CO2, & NITROGEN DIOXIDE.

Disposal

Waste Disposal Methods: DISPOSE IN SEALED CONTAINER AWAY FROM HEAT & FLAME IN ACCORDANCE W/LOCAL, STATE, & FEDERAL REGULATIONS. DON'T INCINERATE CLOSED CONTAINERS. COMBUSTIBLE LIQUID. UN1263.

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