

182-09 HEAT RESISTANT ALUMINUM

MSDS Number

BYHMT

National Stock Number

8010-00F000545

Product Name

182-09 HEAT RESISTANT ALUMINUM

Manufacturer

O'BRIEN CORP

Product Identification

Product ID:182-09 HEAT RESISTANT ALUMINUM

MSDS Date:09/10/1991

FSC:8010

NIIN:00F000545

MSDS Number: BYHMT

Responsible Party

O'BRIEN CORPORATION

450 E GRAND AVE

SOUTH SAN FRANCISCO , CA 94080-6207

US

Emergency Phone: 415-761-2300/800-338-8084

Info Phone: 800-338-8084/415-761-2300

Cage: 85207

Contractor

O'BRIEN CORPORATION, FULLER O'BRIEN PAINTS

SOUTH SAN FRANCISCO, CA 94080-6207

US

Cage: 85207

Ingredients

ALUMINUM (POWDER) *95-4*

CAS: 7429-90-5

RTECS: BD0330000

Fraction By Weight: 10%

OSHA PEL15 MG/CUM

ACGIH TLV: 10 MG/CUM (DUST)

MEDIUM ALIPHATIC NAPHTHA (AROMATIC 100), PARAFFIN-NAPTHANES

CAS: 64742-88-7

Fraction By Weight: 20%

OSHA PEL100 PPM

ACGIH TLV: 100 PPM

LIGHT ALIPHATIC NAPHTHA, VM & P NAPHTHA, LACOLENE

CAS: 64742-89-8

Fraction By Weight:

OSHA PEL300 PPM

ACGIH TLV: 300 PPM

TOLUENE (IARC CARC- GROUP 3) *95-4*

CAS: 108-88-3

RTECS: XS5250000

Fraction By Weight: 10%

OSHA PEL100 PPM

ACGIH TLV: 100 PPM

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

ALIPHATIC PETROLEUM DISTILLATE

CAS: 64741-77-1

Fraction By Weight:

557.45 GM/L

RTECS: 9999999VO

Hazards

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

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

Health Hazards Acute and Chronic:INGESTION: CAUSES IRRITATION TO MOUTH, THROAT, GI TRACT & CNS DEPRESSION. INHALATION: ANESTHETIC, RESPIRATORY TRACT IRRITANT & NERVOUS SYSTEM DEPRESSION. EYES: SEVERE IRRITANT. SKIN: IRRITATION & DERM ATITIS. PROLONGED/REPEATED OVEREXPOSURE TO SOLVENTS MAY CAUSE PERMANENT BRAIN & CNS DAMAGE. (SEE SUPP)

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, HEADACHE, DIZZINESS, CONFUSION, NAUSEA, VOMITING, ABDOMINAL PAIN, DIARRHEA, LOSS OF CONSCIOUSNESS, COMA, STAGGERING GAIT, BLURRED VISION.

First Aid

First Aid:INGESTION: DRINK 1-2 GLASSES OF WATER TO DILUTE. KEEP WARM & QUIET. A DECISION TO INDUCE VOMITING MUST BE BASED ON ADVICE OF A PHYSICIAN. NEVER GIVE ANYTHING BY MOUTH IF UNCONSCIOUS. INHALATION: REMOVE TO FRESH AIR. RESTORE BREATHING. EYES: FLUSH W/COOL WATER FOR 15 MINS. SKIN: WIPE OFF W/A RAG & WASH THOROUGHLY W/SOAP & WATER. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Fire Fighting

Flash Point:80F

Lower Limits:0.9

Extinguishing Media:FOAM, CO2, DRY CHEMICAL, WATER FOG

Fire Fighting Procedures:USE FULL PROTECTIVE EQUIPMENT W/SELF CONTAINED BREATHING APPARATUS. WATER MAY BE USED TO COOL CLOSED CONTAINERS WHEN EXPOSED TO EXTREME HEAT.

Unusual Fire/Explosion Hazard:CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT. APPLICATION TO HOT SURFACES REQUIRES SPECIAL PRECAUTIONS.

Accidental Release

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

VENTILATION. USE APPROVED RESPIRATOR.

Handling

Handling and Storage Precautions:STORE UPRIGHT IN SEALED CONTAINERS & USE AWAY FROM HIGH TEMPERATURE, SPARKS & FLAME. KEEP CONTAINER TIGHTLY SEALED WHEN NOT IN USE.

Other Precautions:KEEP OUT OF REACH OF CHILDREN. AVOID PROLONGED CONTACT W/SKIN. DON'T INGEST. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING & INHALING THE CONTENTS MAY BE HARMFUL/FATAL.

Exposure Controls

Respiratory Protection:USE NIOSH/MSHA APPROVED PROPERLY FITTED MECHANICAL RESPIRATOR/MASK TO AVOID BREATHING VAPOR/MIST DURING MIXING, SPRAYING, APPLICATION/CURING. USE A TC 19C NIOSH/MSHA APPROVED PROPERLY FITTED POSITIVE AIR SUPPLIED RESPIRATOR IN CONFINED AREA

Ventilation:SUFFICIENT IN VOLUME & PATTERN TO KEEP AIR CONTAMINATION

Protective Gloves:SYNTHETIC RUBBER

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

OVEREXPOSURE TO SOLVENTS CAUSE DAMAGE TO KIDENYS, LIVER, LUNGS, BLOOD CELLS, BLOOD PRODUCTION ORGANS, BLOOD STORING ORGANS & PERIPHERAL NERVOUS SYSTEM.

Chemical Properties

Boiling Pt:B.P. Text:190-397.4F

Vapor Density:>1

Evaporation Rate & Reference:SLOWER THAN ETHER

Percent Volatiles by Volume:72.45

Stability

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS, ACIDS, BASES

Stability Condition to Avoid:HEAT, SPARKS, FLAME ELECTRICAL EQUIPMENT & OTHER IGNITION SOURCES

Hazardous Decomposition Products:BY HEAT: CO, CO2, NITROGEN DIOXIDE

Disposal

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

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