

S-12

MSDS Number

BMXBX

National Stock Number

8010-01-200-8044

Product Name

S-12

Manufacturer

AEROQUIP CORP AEROSPACE GROUP JACKSON PLANT

Product Identification

Product ID:S-12

MSDS Date:08/06/1991

FSC:8010

NIIN:01-200-8044

MSDS Number: BMXBX

Responsible Party

AEROQUIP CORP, AEROSPACE GROUP, JACKSON PLANT

300 S EAST AVE

JACKSON , MI 49203-1972

US

Emergency Phone: 517-787-8121/419-238-1190

Info Phone: 517-787-8121/419-238-1190

Cage: 00624

Contractor

AEROQUIP CORP, AEROSPACE GROUP, JACKSON PLANT

JACKSON, MI 49203-1972

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Cage: 00624

Ingredients

NAPHTHA, LIGHT ALIPHATIC (PETROLEUM) (THIS MATERIAL

CAS: 64742-89-8

Fraction By Weight: 45%

TOLUENE (SARA III)

CAS: 108-88-3

RTECS: XS5250000

Fraction By Weight: 50.9%

OSHA PEL200 PPM/150 STEL

ACGIH TLV: 50 PPM; 9293

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

ACETONE (SARA III)

CAS: 67-64-1

RTECS: AL3150000

Fraction By Weight: 2%

OSHA PEL1000PPM

ACGIH TLV: 750PPM/1000STEL;9293

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)

CAS: 78-93-3

RTECS: EL6475000

Fraction By Weight: 2.1%

OSHA PEL200 PPM/300 STEL

ACGIH TLV: 200 PPM/300STEL 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

Hazards

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

Health Hazards Acute and Chronic:INHALATION;NASAL AND RESPIRATORY IRRITATION,DIZZINESS,WEAKNESS, FATIGUE,NAUSEA,HEADACHE,POSSIBLE UNCONSCIOUSNESS AND EVENASPHYXIATION.INGESTION;GASTROINTESTINAL IRERITATION, NAUSEA VOMITING AND DIARREH A. ASPIRATION OF MATERIAL INTO LUNGS CAN CAUSE CHEMICAL PNEUMONITIS WHIC CAN BE FATAL.EYES; SEVERE IRRITATION(C S&S)

Effects of Overexposure:EYES CONTINUES:REDENESS, TEARING, AND BLURRED VISION. SKIN; MODERATE IRRITATION,DEFATTING,DERMITITIS, CAN BE ABSORBED THROUGH THE SKIN.

Medical Cond Aggravated by Exposure:NONE GIVEN

First Aid

First Aid:INHALATION;REMOVE TO FRESH AIR,GIVE CPR OR OXYGEN AS REQUIRED,GET MEDICAL ATTENTION. INGESTION;DO NOT INDUCE VOMITING,KEEP PERSON WARM,AND QUIET. GET MEDICAL ATTENTION. ASPIRATION INTO LUNGS CAN CAUSE EEECHEMICAL PNEUMONITIS,WHICH CAN BE FATAL. EYES;FLUSH WITH LARGES AMOUNT OF WATER FRO 15 MINUTES LIFTING EYELIDS OCCASIONALLY. SKIN;WASH THOROUGHLY WITH SOAP AND WATER REMOVE CONTAINATED CLOTHING.

Fire Fighting

Flash Point Method:SCC

Flash Point:Lower Limits:1.1

Upper Limits:12.8

Extinguishing Media:FOAM,CARBON DIOXIDE, OR DRY CHEMICAL

Fire Fighting Procedures:USE SCBA,WITH FULL FACE PIECE OPERATED IN POSITIVE PRESSURE MODE.WATER MAY BE INEFFECTIVE BUT MAY BE USED TO COOL FIRE EXPOSED CONTAINERS,

Unusual Fire/Explosion Hazard:VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL LONG DISTANCE TO IGNITION SOURCES, CONTAINERES EXPOSED TO FIRE MAY EXPLODE.

Accidental Release

Spill Release Procedures:REMOVE ALL IGNITION SOURCES, KEEP PEOPLE AWAY, RECOVER FREE LIQUID, AD ABSORBENT, SAND EARTH SAWDUST ETC,TO SPILL AREA. AVOID BREATHING VAPORS.USE NON-SPARKING TOOLS. KEEP PETROLEUM OUT OF SEWERS AND WATERWAYS.

Neutralizing Agent:NA

Handling

Handling and Storage Precautions:KEEP CONTAINER CLOSED WHEN NOT IN USE, KEEP AWAY FROM HEAT, SPARKS, FLAMES OR STRONG OXIDANTS, AVOID BREATHING VAPORS.

Other Precautions:EMPTY CONTAINERS MAY BE HAZXARDOUS WHEN EMPTY (VAPORS)DO NOT WELD OR CUT ON CONTAINERS . OBSERVE PRECAUTIONS GIVEN IN DATA SHEET./

Exposure Controls

Respiratory Protection:USE NIOSH APPROVED HYDROCARBON VAPOR CANNISTER OR SUPPLIED AIR RESP[IRATORY PROTECTON IN CONFINED AREAS.

Ventilation:SUFFICENT TO MAINTAIN EXPOSURE BELOW TLV,PEL OR STEL

Protective Gloves:CHEMICAL RESISTANT

Eye Protection:SPLASH GOGGLES OR FACE SHIELD

Other Protective Equipment:CHEMICAL RESISTANT CLOTHING OR APRON AS REQUIRED.

Work Hygienic Practices:NO SMOKING OR OPEN FLAMES.

Supplemental Safety and Health

NA

Chemical Properties

HCC:F2

Boiling Pt:B.P. Text:134F,57C

Vapor Pres:75

Vapor Density:3.0

Spec Gravity:0.77

Evaporation Rate & Reference:4.6-10.5

Solubility in Water:NEGILBLE

Appearance and Odor:CLEAR LIQUID, PETROLEUM ODOR

Percent Volatiles by Volume:100

Stability

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, STRONG ALKALIES AND STRONG ACIDS OR BASES

Stability Condition to Avoid:NA

Hazardous Decomposition Products:FUMES, SMOKE,CATBON DIOXIDE,CARBON MONOXIDE,

Disposal

Waste Disposal Methods:SMALL SPILLS, ALLOW TO EVAPORATE. DISPOSE OF IN ACCORDANCE WITH LOCAL,STATE AND FEDERAL REGULATION.

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