

PYROTECHNIC COMPOSITION, 2-900024,Z-S,2-900044,2- 900001

MSDS Number

BXGXS

National Stock Number

1680-00-168-5737

Product Name

PYROTECHNIC COMPOSITION, 2-900024,Z-S,2-900044,2- 900001

Manufacturer

PACIFIC SCIENTIFIC CO ENERGY SYSTEMS DIV

Product Identification

Product ID:PYROTECHNIC COMPOSITION, 2-900024,Z-S,2-900044,2- 900001

MSDS Date:09/09/1991

FSC:1680

NIIN:00-168-5737

Kit Part:Y

MSDS Number: BXGXS

Responsible Party

PACIFIC SCIENTIFIC CO,ENERGY SYSTEMS DIV

7073 W WILLIS DR

CHANDLER , AZ 85226

US

Emergency Phone: 602-796-1100

Info Phone: 602-796-1100

Cage: 54181

Contractor

PACIFIC SCIENTIFIC CO.,HTL ENERGY SYSTEMS DIV.

5002

CHANDLER, AZ 85226

US

602-796-1100

Cage: 54181

Ingredients

SILICON; (SILICON-MD301)

CAS: 7440-21-3

RTECS: VW0400000

Fraction By Weight:

OSHA PEL10 MG/M3 TDUST

ACGIH TLV: 10 MG/M3 TDUST 9394

ZIRCONIUM

CAS: 7440-67-7

RTECS: ZH7070000

Fraction By Weight:

OSHA PEL5 MG/M3

ACGIH TLV: 5 MG/M3;10 STEL 9394

POTASSIUM PERCHLORATE

CAS: 7778-74-7

RTECS: SC9700000

Fraction By Weight:

OSHA PEL15MG/M3 TDUST;5RDUST

ACGIH TLV: 10 MG/M3 TDUST

SILICONE/EPOXY DC 3120 RTV

Fraction By Weight:

CATALYST S

Fraction By Weight:

OSHA PEL0.1 MG/M3 (MFR)

ACGIH TLV: 0.1 MG/M3 (MFR)

Hazards

LD50 LC50 Mixture:UNAVAILABLE AT PRESENT TIME.

Health Hazards Acute and Chronic:UNAVAILABLE AT PRESENT TIME.

Explanation of Carcinogenicity:NONE SPECIFIED BY MANUFACTURER.

Effects of Overexposure:CURRENTLY NO INFORMATION AVAILABLE.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

First Aid

First Aid:EYE CONTACT: FLUSH EYES WITH PLENTY OF WATER FOR 15 MINUTES, CONTACT A PHYSICIAN. SKIN CONTACT: WASH SKIN WITH SOAP AND WATER, REMOVE CONTAMINATED CLOTHING. WASH CLOTHING BEFORE REUSE.

INHALATION: PRO LONGED EXPOSURE TO DUST MAY CAUSE IRRITATION TO SKIN, MUCOUS MEMBRANES, AND EYES. REMOVE TO FRESH AIR, ADMINISTER OXYGEN IF BREATHING IS DIFFICULT. CONSULT A PHYSICIAN IMMEDIATELY.

INGESTION: CONTACT A PHYSICIAN IMMEDIATELY.

Fire Fighting

Autoignition Temp:=260.C, 500.F

Extinguishing Media:FLOOD WITH WATER, DO NOT SMOTHER WITH BLANKET OR DRY CHEMICAL AS PERCHLORATES SUPPLY THEIR OWN OXYGEN TO FEED A FIRE.

Fire Fighting Procedures:NONE SPECIFIED BY MANUFACTURER.

Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

Accidental Release

Spill Release Procedures:SWEEP UP CAREFULLY, AVOID DUST FORMATION USING A STATIC FREE BROOM AND A NON SPARKING CONTAINER. DO NOT USE COMPRESSED AIR TO BLOW DOWN AREA.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:STORE TEMPERATURE: 110F. VELOSTAT CONTAINERS FOR BATCHES. GLASS VIALS FOR SMALL WEIGHTED AMOUNTS.

Other Precautions:KEEP CONTAINERS TIGHTLY CLOSED, STORE IN DRY TEMPERATURE CONTROLLED OVEN. KEEP AWAY FROM SOURCES OF IGNITION. AVOID STATIC DISCHARGES. GROUND STRAP OR CONDUCTIVE FOOTWEAR FOR ALL PERSONNEL WORKING WITH THIS MATERIAL. GLASS VIALS MAY BE COVERED WITH ALUMINUM FOIL.

Exposure Controls

Respiratory Protection:NONE SPECIFIED BY MANUFACTURER.
Ventilation:USE ONLY IN WELL VENTILATED AREAS, 20% - 60% HUMIDITY.
Protective Gloves:NONE SPECIFIED BY MANUFACTURER.
Eye Protection:SAFETY GLASSES REQUIRED.
Other Protective Equipment:ALL COTTON CLOTHING REQUIRED. CONDUCTIVE SHOES, WRIST OR LEG STATS OVER NON-CONDUCTIVE SHOES.
Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.
Supplemental Safety and Health
NONE SPECIFIED BY MANUFACTURER.

Chemical Properties

HCC:E2
Net Prop Wt for Ammo:0.05KG
Solubility in Water:SLIGHT
Appearance and Odor:GREY. NO ODOR.

Stability

Stability Indicator/Materials to Avoid:YES
NONE SPECIFIED BY MANUFACTURER.
Stability Condition to Avoid:HEAT, FLAME, OTHER SOURCES OF IGNITION, STRONG OXIDIZING AGENTS, STRONG EVOLUTION OF LIGHT.
Hazardous Decomposition Products:DECOMPOSITION OF POTASSIUM PERCHLORATE CAN INCLUDE CHLORINE AND CHLORINE DIOXIDE.
Conditions to Avoid Polymerization:WILL NOT OCCUR.

Disposal

Waste Disposal Methods:WASTE MATERIALS OR REFUSE CONTAMINATED WITH THIS MATERIAL MUST NOT BE LEFT IN OR NEAR MAGAZINES OR OPERATING BUILDINGS. THEY SHOULD BE TAKEN AS SOON AS POSSIBLE IN CLOSED CONTAINERS TO THE BURNING GRO UND TO BE DESTROYED IN SMALL QUANTITIES.

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