

PRODUCTS RESEARCH & CHEMICAL CORP, SEMCO DIVISION -- LEAK DETECTION POWDER 491
(AEROSOL) -- 6850-01-130-2451

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Product Identification
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Product ID:LEAK DETECTION POWDER 491 (AEROSOL)
MSDS Date:07/13/1990
FSC:6850
NIIN:01-130-2451
MSDS Number: BLVCK
=== Responsible Party ===
Company Name:PRODUCTS RESEARCH & CHEMICAL CORP, SEMCO DIVISION
Address:5430 SAN FERNANDO RD
Box:1800
City:GLENDALE
State:CA
ZIP:91209
Country:US
Info Phone Num:818-240-2060
Emergency Phone Num:800-228-5635/800-424-9300(CHEMTREC)
CAGE:D0563

==== Contractor Identification ===

Company Name:PRC-DESOTO INTL INC
Address:5454 SAN FERNANDO RD
Box:1800
City:GLENDALE
State:CA
ZIP:91203
Country:US
Phone:818-240-2060/800-228-5635
CAGE:92108
Company Name:PRODUCTS RESEARCH & CHEMICAL
Address:NOW DBA COURTAULDS AEROSPACE
Box:1800
City:GLENDALE
State:CA
ZIP:91209
Phone:818-240-2060
CAGE:D0563

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Composition/Information on Ingredients
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Ingred Name:METHYL CHLOROFORM (1,1,1-TRICHLOROETHANE) (SARA III)
CAS:71-55-6
RTECS #:KJ2975000
Fraction by Wt: < 5%
Other REC Limits:NONE SPECIFIED
OSHA PEL:350 PPM/450 STEL
ACGIH TLV:350 PPM/450STEL;9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS
Ozone Depleting Chemical:1

Ingred Name:TALC/HYDROUS MAGNESIUM SILICATE
CAS:14807-96-6
RTECS #:MW2700000
Fraction by Wt: 65%
Other REC Limits:NONE SPECIFIED
OSHA PEL:0.2 FIBERS/CC
ACGIH TLV:0.2 FIBERS/CC; 9192

Ingred Name:PROPANE (PROPELLANT - NOT PART OF THE PRODUCT)
CAS:74-98-6
RTECS #:TX2275000

Fraction by Wt: 15%
Other REC Limits:NONE SPECIFIED
OSHA PEL:1000 PPM
ACGIH TLV:ASPHYXIAN; 9192

Ingred Name:ISOBUTANE (PROPELLANT - NOT PART OF THE PRODUCT)
CAS:75-28-5
RTECS #:TZ4300000
Fraction by Wt: 5%
Other REC Limits:NONE SPECIFIED
ACGIH TLV:800 PPM (MFR)

Ingred Name:BUTANE (PROPELLANT - NOT PART OF THE PRODUCT)
CAS:106-97-8
RTECS #:EJ4200000
Fraction by Wt: 10%
Other REC Limits:NONE SPECIFIED
OSHA PEL:800 PPM
ACGIH TLV:800 PPM; 9192

Ingred Name:BUTANE
CAS:106-97-8
RTECS #:EJ4200000
Fraction by Wt: 10%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:800 PPM
ACGIH TLV:800 PPM; 9293

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE-EYE:SEVERE
IRRITATION.SKIN:IRRITATION.INHALATION:MAY CAUSE MUCOUS MEMBRANE
IRRITATION.NARCOTIC IN HIGH CONCENTRATION.EXCESSIVE INHALATION MAY
CAUSE A PRO ARRHYTHMIC ACTIVITY WHICH SOMETIMES CAUS ES CARDIAC
ARREST.PROLONGED INHALATION OF EXCESSIVE DUST MAY CAUSE LUNG
INJURY.INGESTION:NONE KNOWN.CHRONIC-NONE KNOWN.
Effects of Overexposure:SEVERE EYE IRRITATION. SKIN IRRITATION.
INHALATION MAY CAUSE MUCOUS MEMBRANE IRRITATION. NARCOTIC IN HIGH
CONCENTRATION. EXCESSIVE INHALATION MAY CAUSE A PRO ARRHYTHMIC
ACTIVITY WHICH SOMETIMES CAUSES CARDIAC ARREST. PROLONGED
INHALATION OF EXCESSIVE DUST MAY CAUSE LUNG INJURY.
Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN DISORDERS MAY BE
MORE SUSCEPTIBLE TO THIS MATERIAL.

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

First Aid:GET MEDICAL ATTENTION IN ALL CASES OF OVEREXPOSURE.SKIN:WASH
WITH SOAP AND WATER.INHALATION:REMOVE TO FRESH AIR & PROVIDE
OXYGEN/CPR IF NECESSARY.EYE:IMMEDIATELY FLUSH WITH WATER FOR 15
MINUTES WHILE HOLDING EYELIDS OPEN.INGESTION:CALL A PHYSICIAN.

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===== Fire Fighting Measures =====

Flash Point Method:PMCC
Flash Point:-156F,-104C
Extinguishing Media:WATER, DRY CHEMICAL EXTINGUISHER
Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A
FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED
CONTAINERS WITH WATER SPRAY.
Unusual Fire/Explosion Hazard:HIGH TEMPERATURES MAY CAUSE PRESSURE
BUILDUP IN CLOSED CONTAINERS. HYDROCHLORIC ACID MAY BE DEVELOPED.

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

Spill Release Procedures:WEAR AIR-SUPPLIED RESPIRATOR FOR MAJOR UNVENTILATED SPILL. SCOOP INTO CONTAINERS. CLEAN-UP RESIDUE WITH 1,1,1-TRICHLOROETHANE.

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Handling and Storage
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Handling and Storage Precautions:STORAGE-STORE BELOW 120F.DO NOT PUNCTURE OR INCINERATE.

Other Precautions:"EMPTY" CONTAINERS RETAIN RESIDUE AND CAN BE DANGEROUS.DO NOT PRESSURIZE,CUT,WELD,BRAZE,SOLDER,DRILL,GRIND OR EXPOSE SUCH CONTAINERS TO HEAT,FLAME,SPARKS.THEY MAY EXPLODE AND CAUSE INJURY/DEATH.AVOID REPEATED OR PROLONGED CONTACT WITH SKIN.

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Exposure Controls/Personal Protection
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Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR. AIR-SUPPLIED OR FILTERING TYPE WITH ORGANIC VAPOR CARTRIDGES ARE RECOMMENDED.

Ventilation:LOCAL AND MECHANICAL EXHAUST RECOMMENDED. AVOID OPEN ELECTRICAL SOURCES NEAR PRODUCT VAPOR AREAS.

Protective Gloves:NEOPRENE, NITRILE, OR POLYVINYL ALCOHOL

Eye Protection:USE CHEMICAL SAFETY GOGGLES & FACESHIELD

Other Protective Equipment:EYE WASH STATION & SAFETY SHOWER.

Work Hygienic Practices:DO NOT TAKE INTERNALLY. AVOID SKIN CONTACT.

WASH SKIN AFTER USING PRODUCT. DO NOT EAT, DRINK OR SMOKE IN WORK AREA.

Supplemental Safety and Health

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Physical/Chemical Properties
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HCC:V3

Boiling Pt:B.P. Text:-44F,-42C

Vapor Pres:3620

Vapor Density:1.742

Spec Gravity:2.76

Solubility in Water:NEGLIGIBLE

Appearance and Odor:PIGMENT MIXTURE WITH PROPELLANT

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Stability and Reactivity Data
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Stability Indicator/Materials to Avoid:YES

NONE KNOWN.

Stability Condition to Avoid:HIGH HEAT, SPARKS, OPEN FLAMES AND OTHER SOURCES OF IGNITION

Hazardous Decomposition Products:HYDROGEN CHLORIDE AND OXIDES OF CARBON

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Disposal Considerations
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Waste Disposal Methods:DISPOSE OF SPILLAGE IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL LAWS AND REGULATIONS. THIS PRODUCT CONTAINS A TOXIC CHEMICAL/CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE 111 OF THE SARA (1986) & 40CFR PART372

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