

FEDERAL PROCESS -- PLS-2 PLASTIC LEAD SEAL PB-04 - SEALING COMPOUND
MATERIAL SAFETY DATA SHEET
FEDERAL PROCESS AS OF January 1999

NSN: 8030000637176
Manufacturer's CAGE: 97785
Part No. Indicator: B
Part Number/Trade Name: PLS-2 PLASTIC LEAD SEAL PB-04

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General Information
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Item Name: SEALING COMPOUND
Company's Name: FEDERAL PROCESS CO
Company's Street: 3737 PARK EAST DRIVE
Company's City: CLEVELAND
Company's State: OH
Company's Country: US
Company's Zip Code: 44122
Company's Emerg Ph #: 216-464-6440
Company's Info Ph #: 216-464-6440
Record No. For Safety Entry: 003
Tot Safety Entries This Stk#: 005
Status: FM
Date MSDS Prepared: 24APR90
Safety Data Review Date: 10JAN95
Supply Item Manager: GSA
MSDS Serial Number: BMYZV
Hazard Characteristic Code: F4
Unit Of Issue: LB
Unit Of Issue Container Qty: 1 LB CN
Type Of Container: METAL
Net Unit Weight: 1 LB

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Ingredients/Identity Information
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Proprietary: NO
Ingredient: VEGETABLE OILS
Ingredient Sequence Number: 01
Percent: 18
NIOSH (RTECS) Number: 1000606VD
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED
Other Recommended Limit: NONE SPECIFIED

Proprietary: NO
Ingredient: NORMAL BUTYL ALCOHOL
Ingredient Sequence Number: 02
Percent: 2
NIOSH (RTECS) Number: E01400000
CAS Number: 71-36-3
OSHA PEL: 100 PPM
ACGIH TLV: S, C 50 PPM; 9293
Other Recommended Limit: NONE SPECIFIED

Proprietary: NO
Ingredient: BASE METAL (LEAD) (SARA 313)
Ingredient Sequence Number: 03
Percent: 80

NIOSH (RTECS) Number: OF5250000
CAS Number: 7439-92-1
OSHA PEL: 0.05 MG/M3
ACGIH TLV: 0.15 MG/M3
Other Recommended Limit: NONE SPECIFIED

Physical/Chemical Characteristics

Appearance And Odor: GRAY PASTE. ALCOHOL ODOR.
Boiling Point: 390F,199C
Vapor Pressure (MM Hg/70 F): 10
Vapor Density (Air=1): 2.55
Specific Gravity: 3.7 (WATER=1)
Evaporation Rate And Ref: SLOWER THAN AIR (BU AC=1)
Solubility In Water: NONE.
Autoignition Temperature: 110F

Fire and Explosion Hazard Data

Flash Point: 110F,43C
Flash Point Method: PMCC
Lower Explosive Limit: 1.7
Upper Explosive Limit: 9.8
Extinguishing Media: CLASS B FIRE EXTINGUISHERS-FOAM, CARBON DIOXIDE, OR DRY CHEMICAL.
Special Fire Fighting Proc: SMOTHER FLAMES--TREAT AS AN OIL FIRE.
Unusual Fire And Expl Hazrds: STRONG OXIDIZING AGENTS SUCH AS CHROMATES, PERCHLORATES, PERMANGANATES, AND PEROXIDES SHOULD NOT COME IN PHYSICAL CONTACT WITH PLASTIC LEAD SEAL.

Reactivity Data

Stability: YES
Hazardous Poly Occur: NO

Health Hazard Data

LD50-LC50 Mixture: LD50: 20.2 +/-4.3G/KG. LD50: 10.2 G/KG
Health Haz Acute And Chronic: ACUTE VAPOR INHALATION: NON-TOXIC. EYE IRRITATION: MINIMALLY IRRITATING. PRIMARY SKIN IRRITATION: NON-IRRITATING.
Carcinogenicity - NTP: NO
Carcinogenicity - IARC: YES
Carcinogenicity - OSHA: NO
Explanation Carcinogenicity: LEAD HAS NOT BEEN FOUND TO BE HUMAN CARCINOGEN BY NTP OR IARC. IARC LISTS LEAD AS AN ANIMAL CARCINOGEN.
Signs/Symptoms Of Overexp: SAME AS ALCOHOLIC (NORMAL BUTYL) POISONING IN INADEQUATELY VENTILATED AREA--HEADACHE, DIZZINESS, NAUSEA.
Med Cond Aggravated By Exp: PERIODIC EVALUATIONS OF BLOOD LEAD LEVELS ARE WIDELY USED AS AN INDICATOR OF EXCESSIVE LEAD ABSORPTION. WOMEN IN THE WORKPLACE ARE MORE LIKELY TO EXPERIENCE ADVERSE EFFECTS THAN MEN, BECAUSE THEIR
Emergency/First Aid Proc: FOR ALCOHOLIC POISONING, REMOVE PERSON TO WELL-VENTILATED AREA. IF INGESTED, GIVE EMETIC TO INDUCE VOMITING AND TAKE PATIENT TO DOCTOR (SAME TREATMENT AS FOR LEAD POISONING).

Precautions for Safe Handling and Use

Steps If Matl Released/Spill: WIPE UP AS MUCH AS POSSIBLE. WASH AREA WITH NORMAL BUTYL ALCOHOL. WASH WITH DETERGENT AND WATER.
Waste Disposal Method: FOLLOW ALL STATE OR FEDERAL EPA GUIDELINES FOR DISPOSAL OF LEAD IN SECURED LANDFILL. REFER TO EPA REGULATIONS 40 CFR PART 250 AND CONSULT REGIONAL EPA FOR PROPER DISPOSAL METHODS. LEAD MAY BE PROHIBITED WITHOUT PERMISSION.
Precautions-Handling/Storing: STORE IN A VENTILATED AREA MAINTAINES AT A TEMPERATURE OF 20-100F. WHEN NOT BEING USED, KEEP PLASTIC LEAD SEAL CONTAINER CLOSED TIGHTLY.
Other Precautions: WASH HAND WITH SOAP AND WATER BEFORE EATING OR SMOKING.

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Control Measures
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Ventilation: MECHANICAL (3) CHANGES OF AIR PER HOUR.
Protective Gloves: NOT REQUIRED, BUT SUGGESTED.
Eye Protection: NOT REQUIRED.
Other Protective Equipment: NOT REQUIRED.
Work Hygienic Practices: WASH IMMEDIATELY IF PLASTIC LEAD SEAL GETS ON HANDS TO AVOID GETTING PRODUCT IN MOUTH.
Suppl. Safety & Health Data: (MED COND AGGR BY EXP CONT'D) BLOOD PRODUCING SYSTEM IS MORE LEAD SENSITIVE. CONSIDER ADMINISTRATIVE REMOVAL OF PREGNANT WOMEN.

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Transportation Data
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Trans Data Review Date: 92110
DOT PSN Code: AFT
DOT Proper Shipping Name: ADHESIVES,
DOT Class: 3
DOT ID Number: UN1133
DOT Pack Group: III
DOT Label: FLAMMABLE LIQUID
IMO PSN Code: AIL
IMO Proper Shipping Name: ADHESIVES,
IMO Regulations Page Number: 3302
IMO UN Number: 1133
IMO UN Class: 3.3
IMO Subsidiary Risk Label: -
IATA PSN Code: ALD
IATA UN ID Number: 1133
IATA Proper Shipping Name: ADHESIVES
IATA UN Class: 3
IATA Label: FLAMMABLE LIQUID
AFI PSN Code: ALD
AFI Prop. Shipping Name: ADHESIVES
AFI Class: 3
AFI ID Number: UN1133
AFI Pack Group: III
MMAC Code: NK

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Disposal Data
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Label Data
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Label Required: YES
Label Status: G

Common Name: PLS-2 PLASTIC LEAD SEAL PB-04
Special Hazard Precautions: ACUTE VAPOR INHALATION: NON-TOXIC. EYE
IRRITATION: MINIMALLY IRRITATING. PRIMARY SKIN IRRITATION: NON-IRRITATING.
SAME AS ALCOHOLIC (NORMAL BUTYL) POISONING IN INADEQUATELY VENTILATED
AREA--HEADACHE, DIZZINESS, NAUSEA.
Label Name: FEDERAL PROCESS CO
Label Street: 3737 PARK EAST DRIVE
Label City: CLEVELAND
Label State: OH
Label Zip Code: 44122
Label Country: US
Label Emergency Number: 216-464-6440