

PRODUCTS RESEARCH & CHEMICAL CORPORATION -- PRO-SEAL 899, CLASS A-1/2 --  
8030-00-602-0107

===== Product Identification =====

Product ID:PRO-SEAL 899, CLASS A-1/2

MSDS Date:12/09/1985

FSC:8030

NIIN:00-602-0107

MSDS Number: BGVFS

=== Responsible Party ===

Company Name:PRODUCTS RESEARCH & CHEMICAL CORPORATION

Address:5430 SAN FERNANDO RD

Box:1800

City:GLENDALE

State:CA

ZIP:91209

Info Phone Num:(818)

240-2060

Emergency Phone Num:(818) 240-2060

Preparer's Name:DJ

CAGE:DO563

=== Contractor Identification ===

Company Name:ESSEX CHEMICAL CORP PRO-SEAL DIV

Address:19451 SUSANA RD

Box:City:COMPTON

State:CA

ZIP:90221-5713

Country:US

Phone:310-537-7600

CAGE:83527

Company Name:PRODUCTS RESEARCH & CHEMICAL

Address:NOW DBA COURTAULDS AEROSPACE

Box:1800

City:GLENDALE

State:CA

ZIP:91209

Phone:818-240-2060

CAGE:DO563

===== Composition/Information on Ingredients =====

Ingred Name:MANGA

NESE DIOXIDE  
CAS:1313-13-9  
RTECS #:OP0350000  
Fraction by Wt: 60%  
OSHA PEL:5 MG/CUM  
ACGIH TLV:5 MG/CUM (MN)

Ingred Name:CARBON BLACK  
CAS:1333-86-4  
RTECS #:FF5800000  
Other REC Limits:3.5 MG/CUM (NIOSH)  
OSHA PEL:3.5 MG/M3  
ACGIH TLV:3.5 MG/M3; 9192

Ingred Name:CALCIUM MAGNESIUM SILICATE PIGMENT  
CAS:12135-86-3  
OSHA PEL:15 MG/CUM  
ACGIH TLV:10 MG/CUM

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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:EYES/SKIN: IRRITATION. INGESTION:  
MANGANESE POISONING. INHALATION: BREATHING DUST, WEAKNESS &  
SLEEPINESS.  
Explanation of Carcinogenicity:NONE  
Effects of Overexposure:EYES/SKIN: IRRITATION. INHALATION: WEAKNESS &  
SLEEPING, BREATHING DUST. INGESTION: MANGANESE POISONING.

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

First Aid:EYES: FLUSH W/LUKE WARM WATER FOR 15 MINS. IF SYMPTOMS  
PERSIST, CONSULT  
PHYSICIAN. SKIN: WASH WITH SOAP & WATER. IF  
SYMPTOMS PERSIST, CONSULT PHYSICIAN. INHALATION: REMOVE TO FRESH  
AIR. IF SYMPTOMS ARE PRESENT CONSULT PHYSICIAN. INGESTION:CONSULT  
PHYSICIAN.

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

Flash Point:NOT FLAMMABLE  
Extinguishing Media:CO2, DRY CHEMICAL, FOAM, WATER  
Fire Fighting Procedures:USE WATER TO COOL HEAT EXPOSED CONTAINERS. USE  
AIR SUPPLIED RESPIRATORS.

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===== Accidental Release Measures =

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Spill Release Procedures:SCOOP INTO CONTAINERS. CLEAN-UP RESIDUE WITH  
1,1,1-TRICHLOROETHANE.

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Handling and Storage

Handling and Storage Precautions:WASH THOROUGHLY AFTER HANDLING &  
BEFORE SMOKING OR EATING.

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Exposure Controls/Personal Protection

Respiratory Protection:USE AIR SUPPLIED RESPIRATOR

Ventilation:GENERAL VENTILATION

Protective Gloves:RESISTANT

Eye Protection:SAFETY GLASSES

Work Hy

gienic Practices:WASH THOROUGHLY AFTER HANDLING & BEFORE SMOKING  
OR EATING.

Supplemental Safety and Health

MANGANESE DIOXIDE EXPOSURE LIMITS BASED ON AIRBORNE PARTICLES, BUT  
PRODUCT IS ENCAPSULATED. UNDER NORMAL USE, AIRBORNE PARTICLES WILL  
NOT OCCUR.

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Physical/Chemical Properties

Spec Gravity:2.0

Solubility in Water:NEGLIGIBLE

Appearance and Odor:BLACK

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Stability and Reactivity Data

Stability Indicator/M

aterials to Avoid:YES

EASILY OXIDIZABLE MATERIALS

Hazardous Decomposition Products:OXIDES OF CARBON, MANGANESE COMPOUNDS

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Disposal Considerations

Waste Disposal Methods:NOT A HAZARDOUS WASTE ACCORDING TO EPA  
REGULATIONS. CONSULT STATE REGULATIONS PRIOR TO DISPOSAL OF  
SPILLAGE.

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