

D AIRCRAFT PRODUCTS CO -- DAPCO 2200 PRIMERLESS FIREWALL SEALANT, PART A --
8030-01-471-0603

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Product Identification
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Product ID:DAPCO 2200 PRIMERLESS FIREWALL SEALANT, PART A

MSDS Date:07/31/1998

FSC:8030

NIIN:01-471-0603

Status Code:A

Kit Part:Y

MSDS Number: CKSCG

=== Responsible Party ===

Company Name:D AIRCRAFT PRODUCTS CO

Address:1191 HAWK CIR

City:ANAHEIM

State:CA

ZIP:92708

Countr

y:US

Info Phone Num:714-632-8444

Emergency Phone Num:714-632-8444

Resp. Party Other MSDS Num.:09765

Chemtrec Ind/Phone:(800)424-9300

CAGE:58093

=== Contractor Identification ===

Company Name:D AIRCRAFT PRODUCTS CO

Address:1191 HAWK CIR

Box:City:ANAHEIM

State:CA

ZIP:92708

Country:US

Phone:714-632-8444

CAGE:58093

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Composition/Information on Ingredients
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Ingred Name:CALCIUM CARBONATE

CAS:471-34-1

RTECS #:FF9335000

Minimum % Wt:30.

Maxumum % Wt:60.

Ingred Name:CARBON

C

AS:7440-44-0
RTECS #:FF5250000
< Wt:5.

Ingred Name:IRON OXIDE BLACK
CAS:1317-61-9
< Wt:5.

Ingred Name:TRIMETHYLATED SILICA (CAS# 66909-20-6)
< Wt:5.

Ingred Name:TITANIUM DIOXIDE
CAS:13463-67-7
RTECS #:XR2275000
< Wt:5.
OSHA PEL:15 MG/M3
ACGIH TLV:10 MG/M3

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

LD50 LC50 Mixture:LD50 ORAL (RAT) IS >5,000 MG/KG.
Explanation of Carcinogenicity:FORMALDEHYDE IS A KNOWN ANIMAL
CARCINOGEN AND IS CONSIDERED TO BE PROBAB
LY CARCONOGENIC TO HUMANS
BY THE INTERNATIONAL AGENCY FOR RESEARCH ON CANCER AND THE NATIONAL
TOXICOLOGY PROGRAM.
Effects of Overexposure:THE ESTIMATED ACUTE ORAL (RAT) LD50, ACUTE
DERMAL (RABBIT) LD50 & 4-HOUR INHALATION (RAT) LC50 VALUES FOR THIS
MATERIAL ARE >5,000 MG/KG, >2,000 MG/KG & >20 MG/L, RESPECTIVELY.
DIRECT CONTACT WITH THI S MATERIAL MAY CAUSE MODERATE EYE AND MILD
SKIN IRRITATION. INGESTION OR INHALATION OF THIS MATERIAL IS
UNLIKELY TO CAUSE SIGNIFICANT
ACUTE TOXIC EFFECTS. REFER TO THE
TOXICOLOGY SECTION FOR TOXICOLOG Y INFORMATION ON THE OSHA
REGULATED COMPONENTS OF THIS PRODUCT.

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

First Aid:MATERIAL IS NOT EXPECTED TO BE HARMFUL BY INGESTION. NO
SPECIFIC FIRST AID MEASURES ARE REQUIRED. IN CASE OF SKIN CONTACT,
WASH AFFECTED AREAS OF SKIN WITH SOAP AND WATER. IN CASE OF EYE
CONTACT, IMME DIATELY IRRIGATE WITH PLENTY OF WATER FOR 15 MINUTES.
OBTAIN M

EDICAL ATTENTION IF IRRITATION PERSISTS OR IF OTHERWISE NECESSARY. MATERIAL IS NOT EXPECTED TO BE HARMFUL IF INHALED. REMOVE TO FRESH AIR.

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

Flash Point Method:SCC

Flash Point:>93.3C, 200.F

Extinguishing Media:USE WATER, CARBON DIOXIDE OR DRY CHEMICAL TO EXTINGUISH FIRES.

Fire Fighting Procedures:WEAR SELF-CONTAINED, POSITIVE PRESSURE BREATHING APPARATUS AND FULL FIREFIGHTING PROTECTIVE CLOTHING. SEE CONTROL MEASURES FOR SPECIAL PROTECTIVE CLOTHING.

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

Spill Release Procedures:WHERE EXPOSURE LEVEL IS NOT KNOWN, WEAR NIOSH APPROVED, POSITIVE PRESSURE, SELF-CONTAINED RESPIRATOR. WHEN EXPOSURE IS KNOWN, WEAR NIOSH APPROVED SUITABLE FOR LEVEL OF EXPOSURE. WEAR SAME PROTECTIVE CLOTHING/EQUIPMENT AS IN CONTROL MEASURES SECTION. SWEEP UP SPILLS AND PLACE IN A WASTE DISPOSAL CONTAINER. FLUSH AREA WITH WATER.

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===== Handling and Storage =====

Handling and Storage Precautions:AVOID CONTACT WITH EYES, SKIN AND CLOTHING. WASH THOROUGHLY AFTER HANDLING. HEATING TO TEMPERATURES ABOVE 150C IN THE PRESENCE OF AIR MAY RESULT IN THE RELEASE OF FORMALDEHYDE. THE PERMISSABLE EXPOSURE LIMIT FOR FORMALDEHYDE (0.75 PPM OSHA TWA) SHOULD NOT BE EXCEEDED.

Other Precautions:FORMALDEHYDE IS A KNOWN ANIMAL CARCINOGEN AND IS CONSIDERED TO BE PROBABLY CARCINOGENIC TO HUMANS BY THE INTERNATIONAL AGENCY FOR RESEARCH ON CANCER AND THE NATIONAL TOXICOLOGY PROGRAM. FORMALDEHYDE IS IRRITATION TO THE EYES, NOSE, THROAT AND SKIN AND IS A DERMAL SENSITIZER.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:WHERE EXPOSURES EXCEED THE PEL, USE RESPIRATOR APPROVED BY NIOSH FOR THE MATERIAL AND LEVEL OF EXPOSURE. SEE "GUIDE TO INDUSTRIAL RESPIRATORY PROTECTION" (NIOSH).

Ventilation:WHERE THIS MATERIAL IS NOT USED IN

A CLOSED SYSTEM, GOOD

ENCLOSURE AND LOCAL EXHAUST VENTILATION SHOULD BE PROVIDED TO CONTROL EXPOSURE.

Protective Gloves:IMPERVIOUS GLOVES

Eye Protection:WEAR EYE PROTECTION SUCH AS CHEMICAL SPLASH PROOF GOGGLES OR FACE SHIELD

Other Protective Equipment:PROTECTIVE CLOTHING SUCH AS APRONS, WORKPANTS, LONG SLEEVED WORK SHIRT, OR DISPOSAL COVERALLS ARE RECOMMENDED TO PREVENT SKIN CONTACT.

Work Hygienic Practices:FOOD, BEVERAGES, AND TOBACCO PRODUCTS SHOULD NOT BE CARRIED, STO

RED OR CONSUMED WHERE THIS MATERIAL IS IN USE.

BEFORE EATING, DRINKING, OR SMOKING, WASH FACE AND HANDS WITH SOAP AND WATER.

Supplemental Safety and Health

AVOID SKIN CONTACT. EYE WASH EQUIPMENT AND SAFETY SHOWER SHOULD BE PROVIDED IN AREAS OF POTENTIAL EXPOSURE.

===== Physical/Chemical Properties =====

HCC:F4

Spec Gravity:1.45

Solubility in Water:NEGLIGIBLE

Appearance and Odor:THICK PASTE, BLUE-GRAY; NO ODOR.

Percent Volatiles by Volume:0.5

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===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

NONE KNOWN.

Stability Condition to Avoid:NONE KNOWN.

Hazardous Decomposition Products:CARBON DIOXIDE, CARBON MONOXIDE, CALCIUM OXIDE, FORMALDEHYDE, SILICON DIOXIDE.

Conditions to Avoid Polymerization:WILL NOT OCCUR. NONE KNOWN.

===== Toxicological Information =====

Toxicological Information:CALCIUM CARBONATE HAS AN ACUTE ORAL (RAT) LD50 OF 6.5 G/KG. DIRECT C

CONTACT WILL CAUSE MODERATE SKIN & SEVERE EYE IRRITATION. INHALATION OF DUST CAN CAUSE MILD RESPIRATORY IRRITATION. CARBON DUST CAN BE MILDLY IRRITATING TO THE LUNGS; HOWEVER, ACUTE OVEREXPOSURE IS NOT EXPECTED TO CAUSE ADVERSE HEALTH EFFECTS. IRON OXIDE OVEREXPOSURE IS UNLIKELY TO CAUSE SIGNIFICANT ACUTE TOXIC EFFECTS. INHALATION OF IRON OXIDE FUME OR DUST CAN DEPOSIT OR COLLECT IN THE LUNGS (SIDEROSIS) WITH LITTLE OR NO PHYSICAL DISABILITY. TRIMETHYLATED SILICA, WHICH IS A UNIQUE FORM OF FUMED SILICA, IS NOT EXPECTED TO CAUSE ADVERSE HEALTH EFFECTS VIA INHALATION

===== Ecological Information =====

Ecological:NO AQUATIC LC50, BOD, OR COD DATA AVAILABLE. OCTANOL/H2O PARTITION COEF: NOT APPLICABLE.

===== Disposal Considerations =====

Waste Disposal Methods:CYTEC ENCOURAGES THE RECYCLE, RECOVERY & REUSE OF MATERIAL, WHERE PERMITTED, AS AN ALTERNATE TO DISPOSAL AS A WASTE

E. CYTEC RECOMMEND THAT ORGANIC MATERIAL CLASSIFIED AS RCRA HAZARDOUS WASTE BE DISPOSED OF BY THERMAL TREATMENT/INCINERATION AT EPA APPROVED FACILITY. THE PERSON GENERATING THE WASTE IS RESPONSIBLE TO DETERMINE THE WASTE CLASSIFICATION.

===== MSDS Transport Information =====

Transport Information:TRANSPORTATION INFORMATION FOR INDIVIDUAL COMPONENT IS AS FOLLOWS-D.O.T. SHIPPING INFORMATION: NOT APPLICABLE/NOT REGULATED. IMO SHIPPING INFORMATION:

NOT APPLICABLE/NOT REGULATED. ICAO/IATA: NOT APPLICABLE/NOT REGULATED. TRANSPORT CANADA: NOT APPLICABLE/NOT REGULATED. **SHIPPING INFORMATION FOR THE KIT IS AS FOLLOWS-D.O.T. SHIPPING INFORMATION: FLAMMABLE LIQUID, N.O.S., 3, III, UN1993. IMO SHIPPING INFORMATION: FLAMMABLE LIQUID, N.O.S., 3, III, 1993. ICAO/IATA: FLAMMABLE LIQUID, N.O.S., 3, 1993, III. TRANSPORT CANADA: FLAMMABLE LIQUID, N.O.S., 3, 1993, III.

===== Regulatory Information =====

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SARA Title III Information: THIS PRODUCT DOES NOT CONTAIN ANY COMPONENTS REGULATED UNDER THESE SECTIONS OF THE EPA: TPQ(LBS), RQ(LBS), S313, TSCA 12B. PRODUCT CLASSIFICATION UNDER SECTION 311 OF SARA: ACUTE(Y), CHRONIC(N), FIRE (N), REACTIVE(N), PRESSURE(N).

Federal Regulatory Information: US TSCA: THIS PRODUCT IS MANUFACTURED IN COMPLIANCE WITH ALL PROVISIONS OF THE TOXIC SUBSTANCE CONTROL ACT, 15 U.S.C. 2601 ET. SEQ.

===== Other Information =====

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