

DOD Hazardous Materials Information System  
DoD 6050.5-L  
AS OF July 1998

FSC: 8010  
NIIN: 00F025642  
Manufacturer's CAGE: 25461  
Part No. Indicator: A  
Part Number/Trade Name: 0548 FLAT WHITE

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General Information  
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Item Name: AEROSOL SPRAY PAINTS  
Company's Name: ZYNOLYTE PRODS INC  
Company's Street: 2320 E DOMINGUEZ ST  
Company's P. O. Box: N/K  
Company's City: CARSON  
Company's State: CA  
Company's Country: US  
Company's Zip Code: 90749-6244  
Company's Emerg Ph #: 213-513-0700  
Company's Info Ph #: 213-513-0700  
Distributor/Vendor # 1:  
Distributor/Vendor # 1 Cage:  
Distributor/Vendor # 2:  
Distributor/Vendor # 2 Cage:  
Distributor/Vendor # 3:  
Distributor/Vendor # 3 Cage:  
Distributor/Vendor # 4:  
Distributor/Vendor # 4 Cage:  
Safety Data Action Code:  
Safety Focal Point: F  
Record No. For Safety Entry: 001  
Tot Safety Entries This Stk#: 001  
Status: SE  
Date MSDS Prepared: 27SEP89  
Safety Data Review Date: 08DEC92  
Supply Item Manager:  
MSDS Preparer's Name:  
Preparer's Company: ZYNOLYTE PRODS INC  
Preparer's St Or P. O. Box: 2320 E DOMINGUEZ ST  
Preparer's City: CARSON  
Preparer's State: CA  
Preparer's Zip Code: 90749-6244  
Other MSDS Number:  
MSDS Serial Number: BPSLL  
Specification Number:  
Spec Type, Grade, Class:  
Hazard Characteristic Code:  
Unit Of Issue:  
Unit Of Issue Container Qty:  
Type Of Container:  
Net Unit Weight:

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NRC/State License Number:  
Net Explosive Weight:  
Net Propellant Weight-Ammo:  
Coast Guard Ammunition Code:

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Ingredients/Identity Information  
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Proprietary: NO  
 Ingredient: WEIGHT PER GALLON IN POUNDS: 6.2 TYPICAL  
 Ingredient Sequence Number: 01  
 Percent: N/K  
 Ingredient Action Code:  
 Ingredient Focal Point: F  
 NIOSH (RTECS) Number: 9999999WG  
 CAS Number:  
 OSHA PEL: N/K  
 ACGIH TLV: N/K  
 Other Recommended Limit: N/K

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Proprietary: NO  
 Ingredient: ACETONE; DIMETHYL KETONE  
 Ingredient Sequence Number: 02  
 Percent: N/K  
 Ingredient Action Code:  
 Ingredient Focal Point: F  
 NIOSH (RTECS) Number: AL3150000  
 CAS Number: 67-64-1  
 OSHA PEL: 1000PPM  
 ACGIH TLV: 750PPM/1000STEL;9293  
 Other Recommended Limit: N/K

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Proprietary: NO  
 Ingredient: SOLVENT NAPHTHA, PETROLEUM, LIGHT AROMATIC, HIGH FLASH  
 AROMATIC NAPHTHA  
 Ingredient Sequence Number: 03  
 Percent: N/K  
 Ingredient Action Code:  
 Ingredient Focal Point: F  
 NIOSH (RTECS) Number: WF3400000  
 CAS Number: 64742-95-6  
 OSHA PEL: 25 PPM  
 ACGIH TLV: 25 PPM  
 Other Recommended Limit: N/K

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Proprietary: NO  
 Ingredient: HYDROCARBON RESIN, ARIEN, PETROLEUM RESIN  
 Ingredient Sequence Number: 04  
 Percent: N/K  
 Ingredient Action Code:  
 Ingredient Focal Point: F  
 NIOSH (RTECS) Number: CF2550000  
 CAS Number: 64742-16-1  
 OSHA PEL: NONE

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ACGIH TLV: NONE  
 Other Recommended Limit: NONE

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Proprietary: NO  
 Ingredient: TALC (POWDER), (ASBESTOS FREE), TALCUM; HYDROUS MAGNESIUM  
 SILICATE  
 Ingredient Sequence Number: 05  
 Percent: N/K  
 Ingredient Action Code:  
 Ingredient Focal Point: F  
 NIOSH (RTECS) Number: WW2710000

CAS Number: 14807-96-6  
 OSHA PEL: 20 MPPCF  
 ACGIH TLV: 2 MG/CUM (RESP DUST)  
 Other Recommended Limit: N/K

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 Proprietary: NO  
 Ingredient: PROPANE  
 Ingredient Sequence Number: 06  
 Percent: N/K  
 Ingredient Action Code:  
 Ingredient Focal Point: F  
 NIOSH (RTECS) Number: TX2275000  
 CAS Number: 74-98-6  
 OSHA PEL: 1000 PPM  
 ACGIH TLV: SIMPLE ASPHYXIAN  
 Other Recommended Limit: 1800 MG/CUM

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 Proprietary: NO  
 Ingredient: MEDIUM ALIPHATIC NAPHTHA (AROMATIC 100), PARAFFIN-NAPHTHANES  
 MINERAL SPIRITS \*92/3\*  
 Ingredient Sequence Number: 07  
 Percent: N/K  
 Ingredient Action Code:  
 Ingredient Focal Point: F  
 NIOSH (RTECS) Number: 1003692SN  
 CAS Number: 64742-88-7  
 OSHA PEL: 500 PPM  
 ACGIH TLV: 100 PPM  
 Other Recommended Limit: 100 PPM

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 Proprietary: NO  
 Ingredient: 2-BUTANONE (METHYL ETHYL KETONE) (MEK)  
 Ingredient Sequence Number: 08  
 Percent: N/K  
 Ingredient Action Code:  
 Ingredient Focal Point: F  
 NIOSH (RTECS) Number: EL6475000  
 CAS Number: 78-93-3  
 OSHA PEL: 200 PPM  
 ACGIH TLV: 590 MG/CUM  
 Other Recommended Limit: 590 MG/CUM

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Proprietary: NO  
 Ingredient: NON HAZARDOUS POLYMER (TYPE NOT SPECIFIED)  
 Ingredient Sequence Number: 09  
 Percent: N/K  
 Ingredient Action Code:  
 Ingredient Focal Point: F  
 NIOSH (RTECS) Number: 1003726NP  
 CAS Number:  
 OSHA PEL: N/K  
 ACGIH TLV: N/K  
 Other Recommended Limit: N/K

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 Proprietary: NO  
 Ingredient: TITANIUM DIOXIDE, TIO2  
 Ingredient Sequence Number: 10  
 Percent: N/K

Ingredient Action Code:  
 Ingredient Focal Point: F  
 NIOSH (RTECS) Number: XR2275000  
 CAS Number: 13463-67-7  
 OSHA PEL: 15 MG/M3 TDUST  
 ACGIH TLV: 10 MG/M3 TDUST; 9293  
 Other Recommended Limit: N/K

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 Proprietary: NO  
 Ingredient: TOLUENE  
 Ingredient Sequence Number: 11  
 Percent: N/K  
 Ingredient Action Code:  
 Ingredient Focal Point: F  
 NIOSH (RTECS) Number: XS5250000  
 CAS Number: 108-88-3  
 OSHA PEL: 200 PPM/150 STEL  
 ACGIH TLV: 50 PPM; 9293  
 Other Recommended Limit: 375 MG/CUM

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 Proprietary: NO  
 Ingredient: LIGHT ALIPHATIC NAPHTHA, VM&P NAPHTHA \*92/3\*  
 Ingredient Sequence Number: 12  
 Percent: N/K  
 Ingredient Action Code:  
 Ingredient Focal Point: F  
 NIOSH (RTECS) Number: 1002250AN  
 CAS Number: 64742-89-8  
 OSHA PEL: 300 PPM  
 ACGIH TLV: 300 PPM  
 Other Recommended Limit: N/K

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 Proprietary: NO  
 Ingredient: METHYL CHLOROFORM (1,1,1-TRICHLOROETHANE) (CHLOROTHENE NU),  
 AEROTHANE TT, CHLOROTHENE  
 Ingredient Sequence Number: 13  
 Percent: N/K

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Ingredient Action Code:  
 Ingredient Focal Point: F  
 NIOSH (RTECS) Number: KJ2975000  
 CAS Number: 71-55-6  
 OSHA PEL: 350 PPM  
 ACGIH TLV: 1910 MG/CUM  
 Other Recommended Limit: 450 PPM STEL

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Physical/Chemical Characteristics

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Appearance And Odor: FLAT WHITE.  
 Boiling Point: <0F  
 Melting Point: N/K  
 Vapor Pressure (MM Hg/70 F): N/K  
 Vapor Density (Air=1): >1  
 Specific Gravity: N/K  
 Decomposition Temperature: N/K  
 Evaporation Rate And Ref: FASTER THAN ETHER  
 Solubility In Water: MODERATE-APPRECIABLE  
 Percent Volatiles By Volume: 92%  
 Viscosity:

pH: N/K  
Radioactivity:  
Form (Radioactive Matl):  
Magnetism (Milligauss):  
Corrosion Rate (IPY): N/K  
Autoignition Temperature:

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Fire and Explosion Hazard Data  
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Flash Point: <20F  
Flash Point Method: CC  
Lower Explosive Limit: N/K  
Upper Explosive Limit: N/K  
Extinguishing Media: FOAM, CO2, DRY CHEMICAL  
Special Fire Fighting Proc: WEAR FULL PROTECTIVE EQUIPMENT, INCLUDING SCBA. WATER MAY BE INEFFECTIVE. FOG NOZZLES MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILD-UP.  
Unusual Fire And Expl Hazrds: CONTENTS UNDER PRESSURE. CONTAINER MAY BURST, PROPELLING CONTENTS ACROSS AREA WHEN EXPOSED TO HEAT. FLAMMABLE GAS.  
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Reactivity Data  
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Stability: YES  
Cond To Avoid (Stability): TEMPERATURES >120F, DIRECT SUNLIGHT, FIRE, OPEN FLAMES, SPARKS, & OTHER SOURCES OF IGNITION  
Materials To Avoid: ALUMINUM  
Hazardous Decomp Products: CO, CO2, SMOKE, OXIDES OF HEAVY METALS  
Hazardous Poly Occur: NO  
Conditions To Avoid (Poly): N/K

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Health Hazard Data  
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LD50-LC50 Mixture: N/K  
Route Of Entry - Inhalation: YES  
Route Of Entry - Skin: YES  
Route Of Entry - Ingestion: YES  
Health Haz Acute And Chronic: INGESTION: GASTRO-INTESTINAL DISTRESS. INHALATION: NOSE & THROAT IRRITATION, EYE WATERING, HEADACHES, NAUSEA, DIZZINESS, & LOSS OF COORDINATION. EYE: IRRITATION & BURNING. SKIN: ABSORPTION IN HARMFUL AMOUNTS.  
Carcinogenicity - NTP: NO  
Carcinogenicity - IARC: NO  
Carcinogenicity - OSHA: NO  
Explanation Carcinogenicity: NONE  
Signs/Symptoms Of Overexp: INHALATION: CENTRAL NERVOUS SYSTEM EFFECTS, PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE. KIDNEY & LIVER DAMAGE. SKIN: IRRITATION W/DISCOMFORT & DERMATITIS. EYES: CORROSION & PERMANENT INJURY.  
Med Cond Aggravated By Exp: N/K  
Emergency/First Aid Proc: INGESTION: DON'T INDUCE VOMITING. INHALATION: REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION, PREFERABLY MOUTH-TO-MOUTH. EYES: FLUSH IMMEDIATELY W/PLENTY OF WATER FOR AT LEAST 15 MINS. SKIN: WASH W/SOAP & WATER. OBTAIN MEDICAL ATTENTION IN ALL CASES.  
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Precautions for Safe Handling and Use  
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Steps If Matl Released/Spill: VENTILATE AREA. REMOVE SOURCES OF IGNITION. CONFINE & REMOVE W/INERT ABSORBENT. FOR EASE OF CLEANUP, USE PROTECTIVE CREAMS.

Neutralizing Agent: N/K

Waste Disposal Method: DON'T ALLOW MATERIAL TO CONTAMINATE GROUND WATER SYSTEMS. INCINERATE ABSORBED MATERIAL IN ACCORDANCE W/STATE, FEDERAL, & LOCAL REGULATIONS. DON'T INCINERATE IN CLOSED CONTAINERS. FLAMMABLE GAS.

Precautions-Handling/Storing: OBSERVE LABEL PRECAUTIONS. KEEP AWAY FROM HEAT, SPARKS, FLAME. DON'T STORE >120F. DON'T EXPOSE TO DIRECT SUNLIGHT TO AVOID BURSTING.

Other Precautions: DON'T SAND, FLAME CUT, BRAZE, OR WELD DRY COATING W/OUT PROPER PROTECTION. DON'T PUNCTURE. DON'T SPRAY NEAR FIRE OR OPEN FLAME. AVOID CONTACT W/SKIN. AVOID INHALATION OF VAPORS OR MISTS.

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Control Measures

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Respiratory Protection: WEAR AN APPROPRIATE, PROPERLY FITTED RESPIRATOR (NIOSH/MSHA APPROVED) DURING & AFTER APPLICATION UNLESS AIR MONITORING DEMONSTRATES VAPOR/MIST LEVELS ARE BELOW APPLICABLE LIMITS. FOLLOW MANUFACTURER'S DIRECTIONS FOR USE.

Ventilation: PROVIDE SUFFICIENT VENTILATION IN VOLUME & PATTERN TO KEEP CONTAMINANTS BELOW APPLICABLE OSHA REQUIREMENTS.

Protective Gloves: NEOPRENE

Eye Protection: SAFETY GLASSES, SPLASH GUARDS, GOGGLES

Other Protective Equipment: COVERALLS, PROTECTIVE CREAMS MAY BE USED FOR EASE OF CLEAN-UP, NOT FOR PROTECTION. SIDE SHIELDS.

Work Hygienic Practices: WASH THOROUGHLY AFTER HANDLING & BEFORE EATING &

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SMOKING.

Suppl. Safety & Health Data: PERCENT VOLATILE BY WEIGHT: 85%. 1,1,1, TRICHLOROETHANE CAN CHEMICALLY REACT WITH ALUMINUM IN EQUIPMENT & CAUSE AN EXPLOSION HAZARD.

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Transportation Data

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Transportation Action Code:

Transportation Focal Point:

Trans Data Review Date:

DOT PSN Code:

DOT Symbol:

DOT Proper Shipping Name:

DOT Class:

DOT ID Number:

DOT Pack Group:

DOT Label:

DOT/DoD Exemption Number:

IMO PSN Code:

IMO Proper Shipping Name:

IMO Regulations Page Number:

IMO UN Number:

IMO UN Class:

IMO Subsidiary Risk Label:

IATA PSN Code:

IATA UN ID Number:

IATA Proper Shipping Name:

IATA UN Class:

IATA Subsidiary Risk Class:

IATA Label:

AFI PSN Code:

AFI Symbols:

AFI Prop. Shipping Name:

AFI Class:

AFI ID Number:  
AFI Pack Group:  
AFI Label:  
AFI Special Prov:  
AFI Basic Pac Ref:  
MMAC Code:  
N.O.S. Shipping Name:  
Additional Trans Data:

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Disposal Data  
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Disposal Data Action Code:  
Disposal Data Focal Point:  
Disposal Data Review Date:  
Rec # For This Disp Entry:  
Tot Disp Entries Per NSN:  
Landfill Ban Item:  
Disposal Supplemental Data:  
1st EPA Haz Wst Code New:

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1st EPA Haz Wst Name New:  
1st EPA Haz Wst Char New:  
1st EPA Acute Hazard New:  
2nd EPA Haz Wst Code New:  
2nd EPA Haz Wst Name New:  
2nd EPA Haz Wst Char New:  
2nd EPA Acute Hazard New:  
3rd EPA Haz Wst Code New:  
3rd EPA Haz Wst Name New:  
3rd EPA Haz Wst Char New:  
3rd EPA Acute Hazard New:

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Label Data  
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Label Required: YES  
Technical Review Date: 08DEC92  
Label Date: 20NOV92  
MFR Label Number: N/R  
Label Status: F  
Common Name: 0548 FLAT WHITE AEROSOL SPRAY PAINT  
Chronic Hazard: YES  
Signal Word: DANGER!  
Acute Health Hazard-None:  
Acute Health Hazard-Slight:  
Acute Health Hazard-Moderate:  
Acute Health Hazard-Severe: X  
Contact Hazard-None:  
Contact Hazard-Slight:  
Contact Hazard-Moderate: X  
Contact Hazard-Severe:  
Fire Hazard-None:  
Fire Hazard-Slight:  
Fire Hazard-Moderate:  
Fire Hazard-Severe: X  
Reactivity Hazard-None:  
Reactivity Hazard-Slight: X  
Reactivity Hazard-Moderate:  
Reactivity Hazard-Severe:  
Special Hazard Precautions: INGESTION: GASTRO-INTESTINAL DISTRESS.

INHALATION: NOSE & THROAT IRRITATION, EYE WATERING, HEADACHES, NAUSEA, DIZZINESS, & LOSS OF COORDINATION. EYE: IRRITATION & BURNING. SKIN: ABSORPTION IN HARMFUL AMOUNTS. TARGET ORGANS: BRAIN & CENTRAL NERVOUS SYSTEM, EYES, LIVER, & KIDNEYS. CARCINOGENS: CRYSTALLINE SILICA QUARTZ & BENZENE.

Protect Eye: Y

Protect Skin: Y

Protect Respiratory: Y

Label Name: ZYNOLYTE PRODS INC

Label Street: 2320 E DOMINGUEZ ST

Label P.O. Box: N/K

Label City: CARSON

Label State: CA

Label Zip Code: 90749-6244

Report for NIIN: 00F025642

Label Country: US

Label Emergency Number: 213-513-0700

Year Procured: UNK