

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

FSC: 8010
NIIN: 00F028371
Manufacturer's CAGE: 94529
Part No. Indicator: A
Part Number/Trade Name: DYMONIC STANDARD COLORS

=====
General Information
=====

Item Name: SEALANT
Company's Name: TREMCO
Company's Street: 3735 GREEN RD
Company's P. O. Box: N/K
Company's City: BEACHWOOD
Company's State: OH
Company's Country: US
Company's Zip Code: 44122
Company's Emerg Ph #: 216-765-6727
Company's Info Ph #: 216-765-6727
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: 15APR91
Safety Data Review Date: 30JUN93
Supply Item Manager:
MSDS Preparer's Name: F L MILLER
Preparer's Company: TREMCO
Preparer's St Or P. O. Box: 3735 GREEN RD
Preparer's City: BEACHWOOD
Preparer's State: OH
Preparer's Zip Code: 44122
Other MSDS Number:
MSDS Serial Number: BRBXN
Specification Number:
Spec Type, Grade, Class:
Hazard Characteristic Code:
Unit Of Issue:
Unit Of Issue Container Qty:
Type Of Container:
Net Unit Weight:

Report for NIIN: 00F028371

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

=====
Ingredients/Identity Information
=====

=====

Proprietary: NO
 Ingredient: POLYURETHANE POLYMER
 Ingredient Sequence Number: 01
 Percent: 40
 Ingredient Action Code:
 Ingredient Focal Point: F
 NIOSH (RTECS) Number: 1000807PP
 CAS Number:
 OSHA PEL: N/K
 ACGIH TLV: N/K
 Other Recommended Limit: N/K

Proprietary: NO
 Ingredient: CALCIUM CARBONATE, DOMOLITE, LIMESTONE, WHITING
 Ingredient Sequence Number: 02
 Percent: 15
 Ingredient Action Code:
 Ingredient Focal Point: F
 NIOSH (RTECS) Number: EV9580000
 CAS Number: 1317-65-3
 OSHA PEL: 15 MG/CUM (DUST)
 ACGIH TLV: 10 MG/CUM (DUST)
 Other Recommended Limit: N/K

Proprietary: NO
 Ingredient: CALCIUM SULFATE
 Ingredient Sequence Number: 03
 Percent: 15
 Ingredient Action Code:
 Ingredient Focal Point: F
 NIOSH (RTECS) Number: WS6920000
 CAS Number: 7778-18-9
 OSHA PEL: 15 MG/CUM
 ACGIH TLV: 10 MG/CUM
 Other Recommended Limit: 5 MG/CUM (DUST)

Proprietary: NO
 Ingredient: OXYBISPROPANOL DIBENZOATE *92-2*
 Ingredient Sequence Number: 04
 Percent: 15
 Ingredient Action Code:
 Ingredient Focal Point: F
 NIOSH (RTECS) Number: 1006243OD
 CAS Number: 27138-31-4
 OSHA PEL: N/K
 ACGIH TLV: N/K

Report for NIIN: 00F028371

Other Recommended Limit: N/K

Proprietary: NO
 Ingredient: MODIFIED CASTOR OIL
 Ingredient Sequence Number: 05
 Percent: 5
 Ingredient Action Code:
 Ingredient Focal Point: F
 NIOSH (RTECS) Number: 1008729MC
 CAS Number:
 OSHA PEL: N/K

ACGIH TLV: N/K
Other Recommended Limit: N/K

Proprietary: NO
Ingredient: GROG; CALCIUM-BARIUM PHOSPHOSILICATE *93-1*
Ingredient Sequence Number: 06
Percent: 5
Ingredient Action Code:
Ingredient Focal Point: F
NIOSH (RTECS) Number: 1003902GR
CAS Number: 66402-68-4
OSHA PEL: 10 MG/CUM TOT DUST
ACGIH TLV: 10 MG/CUM TOT DUST
Other Recommended Limit: N/K

Proprietary: NO
Ingredient: TITANIUM DIOXIDE, TIO2
Ingredient Sequence Number: 07
Percent: 5
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

Proprietary: NO
Ingredient: TOLUENE
Ingredient Sequence Number: 08
Percent: 2
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

Proprietary: NO
Ingredient: POLYAMINE
Ingredient Sequence Number: 09

Report for NIIN: 00F028371

Percent: 5
Ingredient Action Code:
Ingredient Focal Point: F
NIOSH (RTECS) Number: 1001247PA
CAS Number:
OSHA PEL: N/K
ACGIH TLV: N/K
Other Recommended Limit: N/K

Proprietary: NO
Ingredient: WHITE MINERAL OIL
Ingredient Sequence Number: 10
Percent: 5
Ingredient Action Code:
Ingredient Focal Point: F
NIOSH (RTECS) Number: PY8047000

CAS Number: 8042-47-5
 OSHA PEL: 5 MG/CUM MIST
 ACGIH TLV: 5 MG/CUM MIST
 Other Recommended Limit: STEL 10 MG/CUM

Proprietary: NO
 Ingredient: STODDARD SOLVENT (PETROLEUM DISTILLATE), MINERAL SPIRITS
 Ingredient Sequence Number: 11
 Percent: 5
 Ingredient Action Code:
 Ingredient Focal Point: F
 NIOSH (RTECS) Number: WJ8925000
 CAS Number: 8052-41-3
 OSHA PEL: 500 PPM
 ACGIH TLV: 100 PPM; 9293
 Other Recommended Limit: 350 MG/CUM

Proprietary: NO
 Ingredient: SILICA DIOXIDE, CRYSTALLINE QUARTZ, SAND (SUSPECTED HUMAN
 CARCINOGEN BY IARC & ACGIH)
 Ingredient Sequence Number: 12
 Percent: 0.15
 Ingredient Action Code:
 Ingredient Focal Point: F
 NIOSH (RTECS) Number: VV7330000
 CAS Number: 14808-60-7
 OSHA PEL: SEE TABLE Z3
 ACGIH TLV: 0.1 MG/M3 RDUST;9293
 Other Recommended Limit: 0.05 MG/CUM NIOSH
 =====

Physical/Chemical Characteristics

=====

Appearance And Odor: PASTE W/SLIGHT ODOR.
 Boiling Point: N/K
 Melting Point: N/K
 Vapor Pressure (MM Hg/70 F): N/K
 Vapor Density (Air=1): >1

Report for NIIN: 00F028371

Specific Gravity: 1.27
 Decomposition Temperature: N/K
 Evaporation Rate And Ref: (ETHER = 1) >1
 Solubility In Water: NEGLIBLE
 Percent Volatiles By Volume: 5
 Viscosity:
 pH: N/K
 Radioactivity:
 Form (Radioactive Matl):
 Magnetism (Milligauss):
 Corrosion Rate (IPY): N/K
 Autoignition Temperature:
 =====

Fire and Explosion Hazard Data

=====

Flash Point: N/K
 Flash Point Method: N/P
 Lower Explosive Limit: N/K
 Upper Explosive Limit: N/K
 Extinguishing Media: IF WATER INEFFECTIVE, USE CO2, DRY CHEMICAL OR FOAM.
 Special Fire Fighting Proc: PREVENT EXPOSURE TO FUMES USING ACCEPTED FIRE

FIGHTING TECHNIQUES.

Unusual Fire And Expl Hazrds: NEVER USE WELDING OR CUTTING TORCH ON OR NEAR CONTAINER. PRODUCT, RESIDUE OR VAPOR MAY IGNITE.

=====

Reactivity Data

=====

Stability: YES

Cond To Avoid (Stability): CONTACT W/STRONG OXIDIZING AGENTS.

Materials To Avoid: OXIDIZING AGENTS.

Hazardous Decomp Products: UPON IGNITION: HYDROCYANIC ACID.

Hazardous Poly Occur: NO

Conditions To Avoid (Poly): N/K

=====

Health Hazard Data

=====

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: EYE/SKIN: IRRITATION. INHALATION: HEADACHE, DIZZINESS, NAUSEA, DROWSINESS, IRRITATION TO RESPIRATORY SYSTEM. INGESTION: GI IRRITATION.

Carcinogenicity - NTP: NO

Carcinogenicity - IARC: YES

Carcinogenicity - OSHA: NO

Explanation Carcinogenicity: SEE INGREDIENTS.

Signs/Symptoms Of Overexp: INHALATION: PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE, SCARRING OF LUNGS, COUGH, SHORTNESS OF BREATH, DELAYED LUNG INJURY (SILICOSIS).

Med Cond Aggravated By Exp: EYE, SKIN & RESPIRATORY DISORDERS. ANEMIA.

Emergency/First Aid Proc: SKIN: WASH W/ HAND CLEANER FOLLOWED BY SOAP & WATER. EYES: FLUSH W/ WATER FOR 15 MINUTES, LIFTING UPPER & LOWER LIDS.

Report for NIIN: 00F028371

INGESTION: OBTAIN MEDICAL ATTENTION IMMEDIATELY. INHALED: REMOVE TO FRESH AIR, AVOID FURTHER EXPOSURE. IF ANY SYMPTOMS PERSIST, OBTAIN MEDICAL ATTENTION IN ALL CASES.

=====

Precautions for Safe Handling and Use

=====

Steps If Matl Released/Spill: REMOVE SOURCES OF IGNITION. VENTILATE. ABSORB SPILL W/SAND, EARTH, OR OTHER SUITABLE MATERIAL. TRANSFER TO APPROPRIATE CONTAINER FOR DISPOSAL.

Neutralizing Agent: N/K

Waste Disposal Method: DISPOSE OF INCOMPLIANCE W/STATE & LOCAL REGULATIONS.

Precautions-Handling/Storing: NORMAL WAREHOUSE CONDITIONS BELOW 80F. KEEP CONTAINER CLOSED WHEN NOT IN USE.

Other Precautions: INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING & INHALING CONTENTS MAY BE HARMFUL OR FATAL.

=====

Control Measures

=====

Respiratory Protection: WEAR APPROPRIATE NIOSH/MSHA APPROVED RESPIRATOR WHEN AIRBORNE CONTAMINANT LEVEL EXCEEDS EXPOSURE LIMITS.

Ventilation: LOCAL EXHAUST WHEN GENERAL EXHAUST NOT SUFFICIENT.

Protective Gloves: IMPERVIOUS RUBBER GLOVES

Eye Protection: SUITABLE SAFETY EYEWEAR

Other Protective Equipment: TYPICAL FULL COVER CLOTHING.

Work Hygienic Practices: CHANGE SOILED WORKCLOTHES FREQUENTLY. CLEAN HANDS

THOROUGHLY AFTER HANDLING.

Suppl. Safety & Health Data: GLOVES MUST BE CHECKED BEFORE EACH USE FOR SIGNS OF DEGRADATION AND PENETRATION. PERSONAL PROTECTIVE EQUIPMENT MUST BE WORN DURING MAINTANENCE OR REPAIR OF CONTAMINATED MIXER, REACTOR, OR OTHER EQUIPMENT.

=====
Transportation Data
=====

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:

Report for NIIN: 00F028371

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:

=====
Disposal Data
=====

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:
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:

=====
Label Data
=====

Label Required: YES
Technical Review Date: 30JUN93
Label Date: 14JUN93
MFR Label Number: N/R
Label Status: F
Common Name: DYMONIC STANDARD COLORS
Chronic Hazard: YES
Signal Word: WARNING!
Acute Health Hazard-None:
Acute Health Hazard-Slight:
Acute Health Hazard-Moderate: X
Acute Health Hazard-Severe:

Report for NIIN: 00F028371

Contact Hazard-None:
Contact Hazard-Slight:
Contact Hazard-Moderate: X
Contact Hazard-Severe:
Fire Hazard-None:
Fire Hazard-Slight: X
Fire Hazard-Moderate:
Fire Hazard-Severe:
Reactivity Hazard-None:
Reactivity Hazard-Slight: X
Reactivity Hazard-Moderate:
Reactivity Hazard-Severe:
Special Hazard Precautions: EYE: IRRITATION. SKIN: IRRITATION. INHALATION:
HEADACHE, DIZZINESS, NAUSEA, DROWSINESS, IRRITATION TO RESPIRATORY SYSTEM.
INGESTION: GI IRRITATION. TARGET ORGANS: EYES, SKIN, MUCOUS MEMBRANES,
CENTRAL NERVOUS SYSTEM, GASTROINTESTINAL TRACT, LUNGS. CARCINOGEN:
CRYSTALLINE SILICA (QUARTZ). TH. TARGET ORGANS: CENTRAL NERVOUS SYSTEM,
KIDNEYS, HEART, BRAIN, BLOOD, SKIN. CARCINOGEN: SILICA DIOXIDE.
Protect Eye: Y
Protect Skin: Y
Protect Respiratory: Y
Label Name: TREMCO
Label Street: 3735 GREEN RD
Label P.O. Box: N/K
Label City: BEACHWOOD
Label State: OH
Label Zip Code: 44122
Label Country: US
Label Emergency Number: 216-765-6727
Year Procured: UNK