

SHERWIN-WILLIAMS -- E90G203, MIL-P-23377F TYPE 1 CLASS C (SUPDAT) -- 8010-01-312-1169

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

Product ID:E90G203, MIL-P-23377F TYPE 1 CLASS C (SUPDAT)

MSDS Date:12/17/1997

FSC:8010

NIIN:01-312-1169

Kit Part:Y

MSDS Number: CGV NK

=== Responsible Party ===

Company Name:SHERWIN-WILLIAMS

Address:630 E 13TH ST

City:ANDOVER

State:KS

ZIP:67002

Country:US

Info Phone Num:216-566-

2902

Emergency Phone Num:216-566-2917

CAGE:DO642

=== Contractor Identification ===

Company Name:SHERWIN-WILLIAMS

Box:UNKNOW

CAGE:SWAND

Company Name:SHERWIN-WILLIAMS CO THE SPECIALTY DIV.

Address:6830 COCHRAN RD.

Box:6709

City:SOLO N

State:OH

ZIP:44139-3908

Phone:216-292-7400

CAGE:DO642

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

Ingred Name:XYLENE

CAS:1330-20-7

RTECS #:ZE2100000

= Wt:1.

OSHA PEL:100 PPM

ACGIH TLV:100 PPM

ACGIH STEL:150 PPM

EPA Rpt Qty:1000 LBS

DOT Rpt Q

ty:1000 LBS

Ingred Name:2-PROPANOL
CAS:67-63-0
RTECS #:NT8050000
= Wt:1.
OSHA PEL:400 PPM
ACGIH TLV:400 PPM

Ingred Name:1-BUTANOL
CAS:71-36-3
RTECS #:YE1400000
= Wt:3.
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:METHYL N-PROPYL KETONE
CAS:107-87-9
RTECS #:SA7875000
= Wt:7.
OSHA PEL:200 PPM
ACGIH TLV:200 PPM
ACGIH STEL:250 PPM

Ingred Name:METHYL ISOAMYL KETONE
CAS:110-12-3
RTECS #:MP3850000
= Wt:6.
OSHA PEL:100 PPM
ACGIH TLV:50 PPM

Ingred Name:AMIDOAMINE POLYMER
= Wt:1.
OSHA PEL:N/
K
ACGIH TLV:N/K

Ingred Name:POLYAMIDE
CAS:68082-29-1
= Wt:6.
OSHA PEL:N/K
ACGIH TLV:N/K

Ingred Name:CALCIUM CARBONATE
CAS:471-34-1
RTECS #:FF9335000
= Wt:15.
OSHA PEL:N/K
ACGIH TLV:N/K

Ingred Name:STRONTIUM CHROMATE
CAS:7789-06-2
RTECS #:GB3240000
= Wt:39.
OSHA PEL:C 0.1 MG (CRO3)/M3
ACGIH TLV:0.0005 MG(CR)/M3
EPA Rpt Qty:10 LBS
DOT Rpt Qty:10 LBS

zards Identification =====

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO

Health Hazards Acute and Chronic:ACUTE: IRRITATION OF EYES, SKIN AND RESPIRATORY SYSTEM. MAY CAUSE NERVOUS SYSTEM DEPRESSION. EXTREME OVEREXPOSURE MAY RESULT IN UNCONSCIOUSNESS AND POSSIBLY DEATH. SIGNS AND SYMPTOMS OF OVEREXPOSURE: HEADACHE, DIZZINESS, NAUSEA, AND LOSS OF

COORDINATION ARE INDICATIONS OF EXCESSIVE EXPOSURE TO VAPORS/SPRAY MISTS. CHRONIC: CHROMATES ARE LISTED BY IARC AND NTP. STUDIES HAVE ASSOCIATED EXPOSURE TO CHROMIUM VI COMPOUNDS WITH INCREASED RISK OF RESPIRATORY CANCER. PROLONGED OVEREXPOSURE TO SOLVENT INGREDIENTS MAY CAUSE ADVERSE EFFECTS TO LIVER, URINARY AND REPRODUCTIVE SYSTEMS. REPORTS HAVE ASSOCIATED (SIGNS AND SYMPTOMS OF OVEREXPOSURE)

Explanation of Carcinogenicity:STRONTIUM CHROMATE: IARC MONOGRAPHS VOLU

ME 49, PG 49, 1990: GROUP 1. NTP 7TH ANNUAL REPORT ON CARCINOGENS, 1994: ANTICIPATED TO BE A CARCINOGEN.

Effects of Overexposure:HEALTH HAZARDS ACUTE AND CHRONIC (CONT): REPEATED AND PROLONGED OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE.

Medical Cond Aggravated by Exposure:MAY CAUSE ALLERGIC SKIN REACTION IN SUSCEPTIBLE PERSONS.

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

First Aid:INHAL: REMOVE FROM EXPOSURE. RESTORE BREATHING. KEEP WARM & QUIET. SKIN: WASH AREA THOROUGHLY W/SOAP & WATER. REMOVE CONTAMINATED CLOTHING & LAUNDRY BEFORE RE-USE. EYES: FLUSH WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION. INGEST: GET MEDICAL ATTENTION.

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

Flash Point Method:PMCC

Flash Point:=7.8C, 46.F

Lower Limits:1.0%

Upper Limits:12.7%

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, FOAM.

Fire Fighting Procedures:NIOSH A

APPROVED SELF CONTAINED BREATHING

APPARATUS AND FULL PROTECTIVE EQUIPMENT . IF WATER IS USED, FOG NOZZLES ARE PREFERRED. WATER MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILD-UP AND POSS AUTOIGNITION / EXPLOSION WHEN EXPOSED TO EXTREME HEAT

Unusual Fire/Explosion Hazard:KEEP CONTAINERS TIGHTLY CLSD. ISOLATE FROM HEAT, ELEC EQUIP, SPKS, & OPEN FLAME. CLSD CNTNRS MAY EXPLODE WHEN EXPOS TO EXTREME HEAT. APPLIC TO HOT SURFS REQUIRES SPECIAL PREC. DURING EME

AGENCY CONDITIONS OVEREXP TO DECOMP PRODUCTS MAY CAUSE HEALTH HAZARDS. SYMPTOMS MAY NOT BE IMMED APPARENT. OBTAIN MEDICAL ATTENTION.

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

Spill Release Procedures:REMOVE ALL SOURCES OF IGNITION. VENTILATE AND REMOVE WITH INERT ABSORBENT.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:USE ONLY WITH ADEQUATE VENTILATION.

AVOID BREATHING VAPORS AND SPRAY MIST. AVOID CONTACT WITH SKIN AND EYES.

Other Precautions:THIS COATING MAY CONTAIN MATERIALS CLASSIFIED AS NUISANCE PARTICULATES (LISTED "AS DUST") WHICH MAY BE PRESENT AT HAZARDOUS LEVELS ONLY DURING SANDING/ABRADING OF DRIED FILM. IF NO SPECIFIC DUSTS ARE LISTED, APPLICABLE LIMITS FOR NUISANCE DUSTS ARE: ACGIH TLV: 10 MG/M3 (TOTAL DUST), (TOXICOLOGICAL INFORMATION)

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

==

Respiratory Protection:IF PERSONAL EXPOSURE CANNOT BE CONTROLLED BELOW APPLICABLE LIMITS BY VENTILATION, WEAR PROPERLY FITTED ORGANIC VAPOR/PARTICULATE RESPIRATOR APPRVD BY NIOSH FOR PROTECTION AGAINST MATERIALS. WHEN SANDING, WIRE BRUSHING, ABRADING, BURNING/WELDING DRIED FILM, WEAR A PARTICULATE RESPIRATOR APPROVED BY NIOSH FOR PROTECTION AGAINST NON-VOLATILE MATERIALS.

Ventilation:LOCAL EXHAUST PREFERABLE. GENERAL EXHAUST ACCEPTABLE IF EXPOS IS MAINTAINED BELOW AP

PLICABLE EXPOSURE LIMITS. REFER TO OSHA

STDS 1910.94, 1910.107, 1910.108.

Protective Gloves:IMPERVIOUS GLOVES .

Eye Protection:ANSI APPRVD CHEM WORKERS GOGGLES .

Other Protective Equipment:ANSI APPRVD EYE WASH & DELUGE SHOWER . USE
OF BARRIER CREAM ON EXPOSED SKIN IS RECOMMENDED.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

MFR TRADE NAME/PART NO: 2.8 VOC CHROMATED EPOXY POLYAMIDE PRIMER PART A
(P&L 72450).

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

Boiling Pt:>81.1C, 178.F

Vapor Pres:OTHER INFO

Vapor Density:HVR/AIR

Spec Gravity:1.80

VOC Pounds/Gallon:348

VOC Grams/Liter:2.91

Evaporation Rate & Reference:SLOWER THAN ETHER

Appearance and Odor:NONE SPECIFIED BY MANUFACTURER.

Percent Volatiles by Volume:42

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

Stability Indicator/Materials to Avoid:YES

NONE KNOWN.

Stability Condition to Avoid:NONE KNOWN.

Hazardous Decomposition Products:B

Y FIRE: CARBON DIOXIDE, CARBON

MONOXIDE, OXIDES OF METALS IN INGREDIENTS.

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

Toxicological Information:N/P. OTHER PRECAUTIONS (CONT): 3 MG/M3

(RESPIRABLE FRACTION); OSHA PEL: 15 MG/M3 (TOTAL DUST), 5 MG/M3

(RESPIRABLE FRACTION). CONTENTS ARE FLAMMABLE. KEEP AWAY FROM

HEAT, SPARKS, AND OPEN FLAM E. DURING USE AND UNTIL ALL VAPORS ARE

GONE: KEEP AREA VENTILATED - DO NOT SMOKE - EXTINGUISH ALL FLAMES,

P

ILLOT LIGHTS, AND HEATERS - TURN OFF STOVES, ELECTRIC TOOLS AND APPLIANCES, AND ANY OTHER SOURCES OF IGNITION. CONSULT NFPA CODE. USE APPROVED BONDING AND GROUNDING PROCEDURES. KEEP CONTAINER CLOSED WITH COMPLETE AND APPROPRIATE LABELING. DO NOT TAKE INTERNALLY. KEEP OUT OF REACH OF CHILDREN. (OTHER INFORMATION)

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

Waste Disposal Methods:WASTE FROM PRODUCT MAY BE HAZARDOUS AS DEFINED UNDER RCRA 40 CFR 261. WASTE MUST BE TREATED FOR IGNITABILITY TO DETERMINE APPLICABLE EPA HAZARDOUS WASTE NUMBERS. DO NOT INCINERATE. DEPRESSURIZE CONTAINER. DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS REGARDING POLLUTION.

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

SARA Title III Information:SARA 313: XYLENE, STRONTIUM CHROMATE.
Federal Regulatory Information:CERCLA: XYLENE, STRONTIUM CHROMATE.

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

=====

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.