

SHERWIN-WILLIAMS CO THE -- ENAMEL: SILICONE ALKYD COPOLYMER, MIL-PRF-24635B, TYPE II  
-- 8010-00-527-2050

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

Product ID:ENAMEL: SILICONE ALKYD COPOLYMER, MIL-PRF-24635B, TYPE II

MSDS Date:04/10/2000

FSC:8010

NIIN:00-527-2050

Status Code:A

MSDS Number: CLQWZ

=== Responsible Party ===

Company Name:SHERWIN-WILLIAMS CO THE

Address:101 PROSPECT AVE NW

City:CLEVELAND

Stat

e:OH

ZIP:44115-1042

Country:US

Info Phone Num:216-566-2902/216-566-2917

Emergency Phone Num:216-566-2917

Preparer's Name:HENRY SIMMONS

CAGE:54636

=== Contractor Identification ===

Company Name:SHERWIN-WILLIAMS CO THE

Address:101 PROSPECT AVE NW

Box:City:CLEVELAND

State:OH

ZIP:44115-1042

Country:US

Phone:800-251-2486/216-566-2242

CAGE:54636

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

Ingred Name:CARBON BLACK

CAS:1333-86-4

RTECS #:FF5800000

= Wt:2.

OSHA PEL:3.5 MG/M3

ACG

IH TLV:3.5 MG/M3

Ingred Name:1-METHOXY-2-PROPYL ACETATE

CAS:108-65-6

RTECS #:AI8925000

= Wt:3.

Ingred Name:CALCIUM CARBONATE

CAS:471-34-1

RTECS #:FF9335000

= Wt:10.

OSHA PEL:15 MG/M3

ACGIH TLV:10 MG/M3

Ingred Name:1,3,5-TRIMETHYLBENZENE

CAS:108-67-8

RTECS #:OX6825000

= Wt:3.

OSHA PEL:25 PPM

ACGIH TLV:25 PPM

Ingred Name:LIGHT AROMATIC HYDROCARBON

CAS:64742-95-6

RTECS #:WF3400000

= Wt:2.

Ingred Name:TOLUENE

CAS:108-88-3

RTECS #:XS5250000

= Wt:1.

OSHA PEL:SEE TABLE Z-2

ACGIH TLV:188 MG/M3;50 P

PM

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:MINERAL SPIRITS

CAS:64742-88-7

= Wt:15.

OSHA PEL:100 PPM

ACGIH TLV:100 PPM

Ingred Name:1,2,4-TRIMETHYLBENZENE

CAS:95-63-6

RTECS #:DC3325000

= Wt:4.

OSHA PEL:25 PPM

ACGIH TLV:25 PPM

Ingred Name:COBALT 2-ETHYLHEXANOATE (1:2)

CAS:136-52-7

= Wt:.2

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

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

Reports of Carcinogenicity:NTP:UNKNOWN IARC:YES

Health Hazards Acu

te and Chronic:IRRITATION OF EYES, SKIN AND  
RESPIRATORY SYSTEM. MAY CAUSE NERVOUS SYSTEM DEPRESSION. EXTREME  
OVEREXPOSURES MAY RESULT IN UNCONSCIOUSNESS AND POSSIBLY DEATH.  
CHRONIC: CARBON BLACK IS CLASSIFIED BY IAR C AS IARC AS POSSIBLY  
CARCINOGENIC TO HUMANS (GROUP 2B) BASED ON EXPERIMENTAL ANIMAL  
DATA, HOWEVER, THERE IS INSUFFICIENT EVIDENCE IN HUMANS FOR ITS  
CARCINOGENICITY. COBALT AND COBALT COMPOUNDS ARE CL ASSIFIED BY  
IARC AS POSSIBILITY CARCINOGENIC TO HUMAN (

GROUP 2B) BASED ON

EXPERIMENTAL ANIMAL DATA, HOWEVER, THERE IS INSUFFICIENT EVIDENCE  
IN HUMANS FOR ITS CARCINOGENICITY.

Effects of Overexposure:HEADACHE, DIZZINESS, NAUSEA, AND LOSS OF  
COORDINATION ARE INDICATIONS OF EXCESSIVE EXPOSURES TO VAPORS OR  
SPRAY MISTS. REDNESS AND ITCHING OR BURNING SENSATION MAY INDICATE  
EYE OR EXCESSIVE SKIN EXPOS URE

Medical Cond Aggravated by Exposure:NONE GENERALLY RECOGNIZED.

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

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First Aid:IF INHALED: IF AFFECTED, REMOVE FROM EXPOSURE. RESTORE  
BREATHING. KEEP WARM AND QUIET. IF ON SKIN: WASH AFFECTED AREA  
THOROUGHLY WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND  
LAUNDRER BEFORE R E-USE. IF ON EYES: FLUSH EYES WITH LARGE AMOUNTS  
OF WATER FOR 15 MINUTES. GET MEDICAL ATTENTION. IF SWALLOWED: GET  
MEDICAL ATTENTION.

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

Flash Point Method:PMCC

Flash Point:=37.8C, 100.F

Lower Lim

its:0.7

Upper Limits:13.1

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, FOAM

Fire Fighting Procedures:FULL PROTECTIVE EQUIPMENT INCLUDING

SELF-CONTAINED BREATHING APPARATUS SHOULD BE USED. WATER SPRAY MAY  
BE INEFFECTIVE. IF WATER IS USED, FOG NOZZLES ARE PREFERABLE. WATER  
MAY BE USED TO COOL CLOSED CO NTAINERS TO PREVENT PRESSURE BUILD-UP  
AND POSSIBLE AUTOIGNITION OR EXPLOSION WHEN EXPOSED TO EXTREME  
HEAT.

Unusual Fire/Explosion Hazard:KEEP CONTAINERS TIGHTLY CLOSED. ISOL

ATE

FROM HEAT, ELECTRICAL EQUIPMENT, SPARKS, AND OPEN FLAME. CLOSED CONTAINERS MAY EXPLORE WHEN EXPOSED TO EXTREME HEAT. APPLICATION TO HOT SURFACES REQUIRES SPECIAL PRECAUTIONS. DURING EMERGENCY CONDITIONS OVEREXPOSURE TO DECOMPOSITION PRODUCTS MAY CAUSE A HEALTH HAZARD.

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

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

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

Handling and Storage Precautions: CONTENTS ARE COMBUSTIBLE. KEEP AWAY FROM HEAT AND OPEN FLAME. CONSULT NFPA CODE. USE APPROVED BONDING AND GROUNDING PROCEDURES. KEEP CONTAINERS CLOSED WHEN NOT IN USED. TRANSFER ONLY TO APPROVED CONTAINERS WITH COMPLETE AND APPROPRIATE LABELING. DO NOT TAKE INTERNALLY. KEEP OUT OF REACH OF CHILDREN.

Other Precautions: USED ONLY WITH ADEQUATE VENTILATION. AVOID BREATHING VAPOR AND SPRAY MIST. AVOID CONTACT WITH EYES. WASH HANDS AFTER USING. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS CAN BE HARMFUL OR FATAL.

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

Respiratory Protection: IF PERSONAL EXPOSURE CANNOT BE CONTROLLED BELOW APPLICABLE LIMITS BY VENTILATION, WEAR A PROPERLY BY NIOSH/MSHA FOR PROTECTION AGAINST MATERIALS IN SECTION II. WHEN SANDING OR ABRADING OR ABRADING THE DRIED FILM, WEAR A DUST/MIST RESPIRATOR APPR

OVED BY NIOSH/MSHA FOR DUST WHICH MAY BE GENERATED FROM THIS PRODUCT, UNDERLYING PAINT, OR THE ABRASIVE.

Ventilation: LOCAL EXHAUST PREFERABLE. GENERAL EXHAUST ACCEPTABLE IF THE EXPOSURE TO MATERIALS TO SECTION II IS MAINTAINED BELOW APPLICABLE EXPOSURE LIMITS.

Protective Gloves: WEAR GLOVES WHICH ARE RECOMMENDED BY GLOVE SUPPLIER FOR PROTECTION.

Eye Protection: WEAR SAFETY SPECTACLES WITH UNPERFORATED SIDESHIELDS.

Supplemental Safety and Health

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

I Properties =====

Boiling Pt:=105.6C, 222.F  
B.P. Text:22-395F 105-201C  
Vapor Density:> SIR  
Spec Gravity:1.08  
VOC Pounds/Gallon:330  
VOC Grams/Liter:2.75  
Evaporation Rate & Reference:SLOWER THAN ETHER  
Percent Volatiles by Volume:39

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

Stability Indicator/Materials to Avoid:YES  
NONE KNOWN  
Stability Condition to Avoid:NONE KNOWN  
Hazardous Decomposition Products:BY FIRE: CARBON DIOXIDE, CARBON  
MONOXIDE

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

Waste Disposal Methods:WASTE FROM THIS PRODUCT MAY BE HAZARDOUS AS  
DEFINED UNDER THE RESOURCE AND RECOVERING ACT (RCRA) 40 CFR 261.  
WASTE MUST BE TESTED FOR IGNITABILITY TO DETERMINE THE APPLICABLE  
EPA HAZARDOUS NUMBERS. INCINERATE IN APPROVED FACILITY. DO NOT  
INCINERATE CLOSED CONTAINER. DISPOSE OF IN ACCORDANCE WITH  
FEDERAL, STATE, AND LOCAL REGULATIONS.

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

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SARA Title III Information:SARA 313 (40 CFR 372.65C) SUPPLIER  
INFORMATION 108-88-8 TOLUENE 1% 95-63-3  
1,2,4-TRIMETHYLBENZENE COBALT COMPOUND 0.2%  
Federal Regulatory Information:TSCA CERTIFICATION ALL CHEMICALS LISTED  
IN THIS PRODUCTS OR ARE EXEMPT FROM LISTING, ON THE TSCA INVENTORY.  
State Regulatory Information:CALIFORNIA PROPOSITION 65 WARNING: THIS  
PRODUCT CONTAINS CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO  
CAUSE CANCER AND OTHER REPRODUCTIVE HA

RM.

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