

SHERWIN-WILLIAMS CO THE -- N40G100, SILICONE ALKYD COPOLYMER -- 8010-01-433-8364
===== Product Identification =====

Product ID:N40G100, SILICONE ALKYD COPOLYMER

MSDS Date:09/28/1999

FSC:8010

NIIN:01-433-8364

Status Code:A

MSDS Number: CKXSC

=== Responsible Party ===

Company Name:SHERWIN-WILLIAMS CO THE

Address:101 PROSPECT AVE NW

City:CLEVELAND

State:OH

ZIP:44115-1042

Country:US

Info Phone Num:21

6-566-2242

Emergency Phone Num:216-566-2917

Preparer's Name:ERNEST CARTER

Chemtec Ind/Phone:(800)424-9300

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:MINERAL SPIRITS

CAS:64742-88-7

Code:F

Minumum % Wt:5.

Maxumum % Wt:20.

OSHA PEL:100 PPM

ACGIH TLV:100

Ingred Name:TOLUENE
CAS:108-88-3
RTECS #:XS5250000
Minumum % Wt:.5
Maxumum % Wt:1.
OSHA PEL:SEE TABLE Z-2
ACGIH TLV:188 MG/M3;50 PPM
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:XYLENE
CAS:1330-20-7
RTECS #:ZE2100000
Minumum % Wt:.5
Maxumum % Wt:1.
OSHA PEL:100 PPM
ACGIH TLV:434 MG/M3;100 PPM
ACGIH STEL:651 MG/M3;150 PPM
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:LIGHT AROMATIC SOLVENT NAPHTHA (PETROLEUM)
CAS:64742-95-6
RTECS #:WF3400000
Minumum % Wt:1.
Maxumum % Wt:5.

Ingred Name:1,3,5-TRIMETHYLBENZENE
CAS:108-67-8
RTECS #:OX6825000
Minumum % Wt:1.
Maxumum % Wt:5.
OSHA PEL:25 PPM
ACGIH TLV:25 PPM

Ingred Name:1,2,4-TRIMETHYLBENZENE
CAS:95-63-6
RTECS #:DC3325000
Minumum % Wt:3.
Maxumum % Wt:8.
OSHA PEL:25 PPM
ACGIH TLV:25 PPM

Ingred Name:COBALTOUS 2-ETHYLHEXANOATE
CAS:136-52-7
Minumum % Wt:.1
Maxumum % Wt:.2

Ingred Name:1-METHOXY-2-PROPANOL ACETATE, 108-67-8
Minumum % Wt:1.
Maxumum % Wt:5.

Ingred Name:KAOLIN
CAS:1332-58-7
RTECS #:GF1670500
Minumum % Wt:0.
Maxu

Minimum % Wt:10.
OSHA PEL:15 MG/M3
ACGIH TLV:2 MG/M3

Ingredient Name:TALC
CAS:14807-96-6
RTECS #:WW2710000
Minimum % Wt:0.
Maximum % Wt:5.
OSHA PEL:SEE TABLE Z-3
ACGIH TLV:2 MG/M3

Ingredient Name:CALCIUM CARBONATE
CAS:471-34-1
RTECS #:FF9335000
Minimum % Wt:5.
Maximum % Wt:15.

Ingredient Name:TITANIUM DIOXIDE
CAS:13463-67-7
RTECS #:XR2275000
Minimum % Wt:0.
Maximum % Wt:30.
OSHA PEL:15 MG/M3
ACGIH TLV:10 MG/M3

Ingredient Name:CARBON BLACK
CAS:1333-86-4
RTECS #:FF5800000
Minimum % Wt:0.
Maximum % Wt:5.
OSHA PEL:
3.5 MG/M3
ACGIH TLV:3.5 MG/M3

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Health Hazards Acute and Chronic:EXPOSURE MAY BE BY INHALATION AND/OR
SKIN OR EYE CONTACT, DEPENDING ON CONDITIONS OF USE. TO MINIMIZE,
FOLLOW RECOMMENDATIONS FOR PROPER USE, VENTILATION,AND PERSONAL
PROTECTIVE EQUIPMENT.IRRITATION OF EYES, SKIN AND RESPIRATORY
SYSTEM. MAY CAUSE NERVOUS SYSTEM DEPRESSION.EXTREME OVEREXPOSUR

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MAY RESULT IN UNCONSCIOUSNESS AND POSSIBLY DEATH.

Effects of Overexposure: HEADACHE, DIZZINESS, NASEA, AND LOSS OF COORDINATION ARE INDICATIONS OF EXCESSIVE EXPOSURE TO VAPORS OR SPRAY MISTS. REDNESS AND ITCHING OR BURING SENSATION MAY INDICATE EYE OR EXCESSIVE SKIN EXPOSURE.

Medical Cond Aggravated by Exposure: NONE GENERALLY RECOGNIZED.

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

First Aid: IF AFFECTED, REMOVE FROM EXPOSURE. RESTORE BREATHING. KEEP
WAR
M AND QUIET. WASH AFFECTED AREA THOROUGHLY WITH SOAP AND WATER.
REMOVE COMTAMINATED CLOTHING AND LAUNDER BEFORE RE-USE. FLUSH EYES
WITH LA RGE AMOUNTS OF WATER FOR 15 MINUTES. GET MEDICAL ATTENTION.
GET MEDICAL ATTENTION.

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

Flash Point Method: CALC

Flash Point: =37.8C, 100.F

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. ISOLATE
FROM HEAT, ELECTRICAL EQUIPMENT, SPARKS, AND OPEN FLAME. CLOSED
CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT. APPLICATION TO
HOT SURFACES REQUIRES SP

ECIAL PRECAUTIONS. DURING EMERGENCY

CONDITIONS OVEREXPOSURE TO DECOMPOSITION PRODUCTS MAY CAUSE A
HEALTH HAZARD. L ATTENTION.

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

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

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

Handling and Storage Precautions: CONTENTS ARE COMBUSTIBLE. KEEP AWAY
FROM HEAT AND OPEN FLAME. CONSULT NFPA CODE. USE A

APPROVED BONDING

AND GROUNDING. PROCEDURES. KEEP CONTAINER CLOSED WHEN NOT IN USE.

TRANSFER ONLY TO APPROVED CONTAINERS WITH COMPLETE AND APPROPRIATE LABELING. DO NOT TAKE INTERNALLY. KEEP OUT OF REACH OF CHILDREN.

Other Precautions: INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS CAN BE HARMFUL OR FATAL.

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

Respiratory Protection: IF PERSONAL EXPOSURE CANNOT BE CONTROLLED BELOW APPLICABLE LIMITS BY VENTILATION. WEAR A PROPERLY FITTED ORGANIC VAPOR/PARTICULATE RESPIRATOR APPROVED BY NIOSH/MSHA FOR PROTECTION AGAINST MATERIALS. WHEN SANDING OR ABRADING THE DRIED FILM, WEAR A DUST/MIST RESPIRATOR UNDERLYING PAINT, OR THE ABRASIVE.

Ventilation: LOCAL EXHAUST PREFERABLE. GENERAL EXHAUST ACCEPTABLE IF THE EXPOSURE TO MATERIALS IN SECTION 11 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

Supplemental Safety and Health

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

Boiling Pt: B.P. Text: 281-395

Vapor Density: HEAVIER

Spec Gravity: 1.1-1.4

Evaporation Rate & Reference: SLOWER THAN ETHER

Percent Volatiles by Volume: 35-45

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

Hazardous Decomposition Products: BY FIRE: CARBON DIOXIDE, CARBON MONOXIDE

Conditions

to Avoid Polymerization: WILL NOT OCCUR

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

Toxicological Information: BASED ON BEST CURRENT INFORMATION, THERE IS NO KNOWN HUMAN SENSITIZATION ASSOCIATED WITH THIS PRODUCT. THERE IS NO KNOWN TOXICOLOGICALLY SYNERGISTIC PRODUCTS ASSOCIATED WITH THIS PRODUCT. CARCINOGENICITY: NO ANIMAL SKIN CARCINOGENICITY TESTS OF THESE MATERIALS HAVE BEEN CONDUCTED. NEITHER IARC, NTP, ACGIH, NOR OSHA HAVE CLASSIFIED THESE MATERIALS

ALS AS TO THEIR CARCINOGENIC RISK.

BASED ON CURRENT INFORMATION, THERE IS NO KNOWN REPRODUCTIVE TOXICITY ASSOCIATED WITH THIS PRODUCT, AND NO KNOWN TERATOGENICITY ASSOCIATED WITH THIS PRODUCT. EXPERIMENTAL EVIDENCE SUGGESTS THIS PRODUCT DOES NOT CAUSE MUTAGENESIS.

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Ecological Information
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Ecological: ECOTOXICITY: NOT AVAILABLE. USEPA WASTE: NOT REGULATED. THIS PRODUCT, IF DISCARDED, IS NOT EXPECTED TO BE A CHARACTERISTIC WASTE.

IF RECYCLED IN THE USA, IT MUST BE MANAGED IN ACCORDANCE WITH 40 CFR PART 279. PROCESSING, USE, OR CONTAMINATION MAY MAKE THIS INFORMATION INAPPROPRIATE, INACCURATE, OR INCOMPLETE. CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA): THIS PRODUCT IS NOT FOR SALE OR USE IN CANADA.

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Disposal Considerations
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Waste Disposal Methods: WASTE FROM THIS PRODUCT MAY BE HAZARDOUS AS DEFINED UNDER THE RESOURCE CONSERVATION AND RECOVERY ACT (RCRA) 40

CFR 261. WASTE MUST BE TREATED FOR IGNITABILITY TO DETERMINE THE APPLICABLE EPA HAZARDOUS WASTE NUMBERS.

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MSDS Transport Information
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Transport Information: DOT: NOT REGULATED. TDG: THIS PRODUCT IS NOT FOR SALE OR USE IN CANADA.

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Regulatory Information
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SARA Title III Information: 108-88-3, TOLUENE, 1% MAX; 1330-20-7, XYLENE, 1% MAX; 95-63-6, 1,2,4-TRIMETHYLBENZENE, 8% MAX.; COBALT

COMPOUND, .2% BY WEIGHT.

State Regulatory Information: SARA 313 (40 CFR 372.65 C) SUPPLIER NOTIFICATION

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Other Information
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