

SHERWIN-WILLIAMS CO THE -- N40G102, SILICONE ALKYD COPOLYMER -- 8010-01-433-8370

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

Product ID:N40G102, SILICONE ALKYD COPOLYMER

MSDS Date:09/28/1999

FSC:8010

NIIN:01-433-8370

Status Code:A

MSDS Number: CKXSJ

=== 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:216

-566-2242

Emergency Phone Num:216-566-2917

Preparer's Name:ERNEST CARTER

Chemtrec 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.

Ingr  
ed 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.  
Maxum

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

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

Ingred Name:CALCIUM CARBONATE  
CAS:471-34-1  
RTECS #:FF9335000  
Minumum % Wt:5.  
Maxumum % Wt:15.

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

Ingred Name:CARBON BLACK  
CAS:1333-86-4  
RTECS #:FF5800000  
Minumum % Wt:0.  
Maxumum % 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 O F EYES, SKIN AND RESPIRATORY  
SYSTEM. MAY CAUSE NERVOUS SYSTEM DEPRESSION.EXTREME OVEREXPOSURE

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.

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

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

=====  
===== 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 A

PPARATUS 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 SPE CIAL PRECAUTIONS.DURING EMERGENCY CONDITIONS OVEREXPOSURE TO DECOMPOSITION PRODUCTS MAY CAUSE A HEALTH HAZARD.L ATTENTION.

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

Spill Release Procedures:REMOVE ALL SOURCES OF IGNITION. 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 AP

PROVED BONDING

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

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

Other Precautions: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 APPLICA

BLE LIMITS BY VENTILATION.WEAR A PROPERLY FITTED ORGANTIC VAPOR/PARTICULATE RESPIRATOR APPROVED BY NIOSH/MSHA FOR PROTECTION AGAINST MATERIALS. W HEN SANDING OR ABRDING 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 SECTION11 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 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

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

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

Conditions

to Avoid Polymerization:WILL NOT OCCUR

=====  
===== 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. CARCINOGENIC ITY: NO ANIMAL SKIN CARCINOGENICITY TESTS OF THESE MATERIALS HAVE BEEN CONDUCTED. NITHER IARC, NTP, ACGIH, NOR OSHA HAVE CLASSIFIED THESE MATERIA

LS 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.

=====  
Ecological Information  
=====

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.

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

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.

=====  
MSDS Transport Information  
=====

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

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

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 COMPO

UND, .2% BY WEIGHT.

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

=====  
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.