

SHERWIN-WILLIAMS CO -- A67F1, POLYURETHANE VARNISH HAND RUBBED SATIN --  
8010-01-301-0720

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

Product ID:A67F1, POLYURETHANE VARNISH HAND RUBBED SATIN

MSDS Date:01/01/1991

FSC:8010

NIIN:01-301-0720

MSDS Number: BTRBL

=== Responsible Party ===

Company Name:SHERWIN-WILLIAMS CO

Address:101 PROSPECT AVENUE

City:CLEVELAND

State:OH

ZIP:44115

Country:US

Info Phone Num:216-56

6-2902

Emergency Phone Num:216-566-2917

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:KEROSENE (PETROLEUM), HYDROTREATED; (MINERAL SPIRITS). VP:

2

CAS:64742-47-8

RTECS #:OA5504000

Fraction by Wt: 45-60%

OSHA PEL:100 PPM (MFR)

ACGIH TLV:100 PPM (MFR)

ingred Name:MINERAL SPIRITS; (MINERAL SPIRITS 140-FLASH). VP: 0.5  
CAS:64742-88-7  
OSHA PEL:100 PPM (MFR)  
ACGIH TLV:100 PPM (MFR)

Ingred Name:VOLATILE ORGANIC COMPOUNDS: 3.53-4.48  
RTECS #:9999999VO  
OSHA PEL:N/K  
ACGIH TLV:N/K

Ingred Name:SUPP DATA: TO SOLVS W/PERMANENT BRAIN & NERVOUS SYSTEM  
DAMAGE. INTENTIONAL MISUSE BE DELIBERATELY CONC & INHAL (ING 5)  
RTECS #:9999999ZZ

Ingred Name:ING 4: THE CONTENTS CAN BE HARMFUL OR FATAL.  
RTECS #:9999999ZZ

Ingred Name:OTHER PREC: & EYES. THIS COATING  
MAY CONTAIN MATLS  
CLASSIFIED AS NUISANCE PARTICULATES WHICH MAY BE PRESENT (ING 7)  
RTECS #:9999999ZZ

Ingred Name:ING 6:AT HAZ LEVELS ONLY DURING SANDING OR ABRADING OF THE  
DRIED FILM. IF NO SPECIFIC DUSTS ARE LISTED IN INGRED (ING 8)  
RTECS #:9999999ZZ

Ingred Name:ING 7: SECT, THE APPLICABLE LIMITS FOR NUISANCE DUSTS ARE  
ACGIH TLV 10 MG/M3 (TDUST), OSHA PEL 15 MG/M3 (TDUST),(ING 9)  
RTECS #:9999999ZZ

Ingred Name:ING 8: 5 MG/M3 (RESPIRABLE FRACTION).  
RTECS #:9999999ZZ

Ingred Name:R  
ESP PROT: NIOSH/MSHA APPROVED DUST/MIST RESP FOR DUST  
WHICH MAY BE GENERATED FROM THIS PROD. UNDERLYING PAINT,(ING 11)  
RTECS #:9999999ZZ

Ingred Name:ING 10: OR THE ABRASIVE.  
RTECS #:9999999ZZ

Ingred Name:VENT: EXPOSURE LIMITS. REFER TO OSHA STANDARDS 1910.94,  
1910.107, 1910.108.  
RTECS #:9999999ZZ

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carc

inogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EXPOSURE MAY BE BY INHAL &/OR SKIN OR EYE CNTCT, DEPENDING ON CNDTNS OF USE. ACUTE: IRRIT OF EYES, SKIN & RESP SYS. MAY CAUSE NERVOUS SYS DEPRESSION. EXTREME OVEREXP MAY RESULT IN UNCON & POSSIBLY DEATH. SIGNS & (EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:HLTH HAZ: SYMPS: HDCH, DIZZ, NAUS, & LOSS OF COORD ARE INDICATIONS OF EXCESS EXPOS TO VAPS OR SPRAY MISTS. RE

DNES & ITCHING/BURNING SENSATION MAY INDICATE EYE OR EXCESS SKIN EXPOS. CHRONIC: PRLNGD O VEREXP TO SOLV INGRED IN INGRED SECT MAY CAUSE ADVERSE EFTS TO THE LIVER, AND URINARY SYS. REPORTS HAVE (SUPP DATA)

Medical Cond Aggravated by Exposure:NONE GENERALLY RECOGNIZED.

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

First Aid:INHAL: REMOVE TO FROM EXPOSURE. RESTORE BREATHING. KEEP WARM & QUIET. SKIN: WASH AFFECTED AREA THORO W/SOAP AND WATER. REMOVE CON TAM CLTHG & LAUNDER BEFORE RE-USE. EYE: FLUSH W/LARGE AMTS OF WATER FOR AT LEAST 15 MIN. GET MED ATTN. INGEST:NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. DO NOT INDUCE VOMITING. GIVE SEVERAL GLASSES OF WATER. SEEK MED ATTN.

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

Flash Point Method:PMCC

Flash Point:>102F,>39C

Lower Limits:0.9%

Upper Limits:6%

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, FOAM.

Fire Fighting Procedures:WEAR NIOSH/MSHA APP

RVD SCBA & FULL PROT EQUIP

. WATER SPRAY MAY BE INEFTIVE. IF WATER IS USED, FOG NOZZ ARE PREFERABLE. WATER MAY BE USED TO (SUPP DATA)

Unusual Fire/Explosion Hazard:KEEP CNTNRS TIGHTLY CLOSED. ISOLATE FROM HEAT/ELEC EQUIP/SPARKS/OPEN FLAME. CLSD CNTNRS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT. APPLICATION TO HOT (SUPP DATA)

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

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

ERT ABSORBENT.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage  
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Handling and Storage Precautions:CONTENTS ARE FLAMMABLE. KEEP AWAY FROM HEAT & OPEN FLAME. CONSULT NFPA CODE. USE APPROVED BONDING AND GROUNDING PROCEDURES.

Other Precautions:KEEP CNTNRS CLOSED WHEN NOT IN USE. TRANSFER ONLY TO APPROVED CNTNRS W/COMPLETE & APPROP LABELING. DO NOT TAKE INTERNALLY. KEEP OUT OF REACH OF CHILDREN. USE ONLY W/ADEQ VEN

T.

AVOID BRTHG VAP & SPRAY MIST. AVOID CONTACT W/SKIN (ING 6)

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Exposure Controls/Personal Protection  
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Respiratory Protection:IF PERSONAL EXPOSURE CANNOT BE CONTROLLED BELOW APPLICABLE LIMITS BY VENT, WEAR NIOSH/MSHA APPRVD PROPERLY FITTED ORGANIC VAPOR/PARTICULATE RESP FOR PROTECTION AGAINST MATLS IN INGRED SECT. WHEN SANDI NG/ABRADING DRIED FILM, WEAR (ING 10)

Ventilation:LOC EXHST PREFERABLE. GEN EXHST ACCEPTABLE IF THE EXPOSURE TO MATLS IN IN

GREED SECT IS MAINTAINED BELOW APPLIC (ING 12)

Protective Gloves:IMPERVIOUS GLOVES .

Eye Protection:SFTY SPECS W/UNPERFORATED SIDESHIELDS.

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:WASH HANDS AFTER USING.

Supplemental Safety and Health

FIRE FIGHT PROC:COOL CLSD CNTNRS TO PVNT PRESS BUILD-UP & POSS AUTOIGNIT/EXPLO WHEN EXPOSED TO EXTREME HEAT. EXPLO HAZ:SURFS REQUIRES SPECIAL PRECS. DURING EMERG CNDTNS OVEREXP TO DECOMP PRODS MAY CAU SE A HLTH H

AZ. SYMPS MAY NOT BE IMMED APPARENT. OBTAIN MED

ATTN. EFTS OF OVEREXP: ASSOC RPTD & PRLNGD OVEREXP (ING 4)

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Physical/Chemical Properties  
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Boiling Pt:B.P. Text:>300F,>149C

Vapor Pres:SEE INGS

Vapor Density:HVR/AIR

Spec Gravity:0.86-0.87

Evaporation Rate & Reference:SLOWER THAN ETHER

Appearance and Odor:NONE SPECIFIED BY MANUFACTURER.

Percent Volatiles by Volume:56-71

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Stability and Reactivity Data  
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Stability Ind

icator/Materials to Avoid: YES

NONE KNOWN.

Stability Condition to Avoid: NONE SPECIFIED BY MANUFACTURER.

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

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

Waste Disposal Methods: WASTE FROM PROD MAY BE HAZ AS DEFINED UNDER RCRA 40 CFR 261. WASTE MUST BE TESTED FOR IGNIT TO DETERMINE APPLICABLE EPA HAZ WASTE NUMBERS. INCINERATE IN APPRVD FACILITY. DO NOT INCIN CLSD CNTNR. DISP I/A/W FED, STATE & LOC REGS REGARDING POLLUTION.

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