

SHERWIN-WILLIAMS DIVERSIFIED BRANDS INC -- 00620 ANTI-SEIZE, A00620 -- 8030-00N080778

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

Product ID:00620 ANTI-SEIZE, A00620

MSDS Date:10/15/1997

FSC:8030

NIIN:00N080778

MSDS Number: CFSPQ

=== Responsible Party ===

Company Name:SHERWIN-WILLIAMS DIVERSIFIED BRANDS INC

Address:26300 FARGO AVE

City:BEDFORD HEIGHTS

State:OH

ZIP:44146

Country:US

Info Phone Num:216-292-7400

Emergency Phone Num:216-566-2917

CAGE:D0642

=== Contractor Identification ===

Company Name:SHERWIN-WILLIAMS CO THE SPECIALTY DIV.

Address:6830 COCHRAN RD.

Box:6709

City:SOLON

State:OH

ZIP:44139-3908

Phone:216-292-7400

CAGE:D0642

Company Name:SHERWIN-WILLIAMS DIVERSIFIED BRANDS INC

Address:636 E. 40TH STREET

Box:City:HOLLAND

State:MI

ZIP:49423

Country:US

Phone:615-392-7811

CAGE:SHRWN

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

Ingred Name:PROPANE. VP:740.

CAS:74-98-6

RTECS #:TX2275000

Fraction by Wt: 14%

OSHA PEL:1000 PPM

ACGIH TLV:ASPHYXIAN

Ingred Name:BUTANE. VP:760.

CAS:106-97-8

RTECS #:EJ4200000

Fraction by Wt: 13%

OSHA PEL:800 PPM

ACGIH TLV:800 PPM

Ingred Name:N-HEPTANE; (HEPTANE). VP:50.

CAS:142-82-5

RTECS #:MI7700000

Fraction by Wt: 37%

OSHA PEL:500 PPM

ACGIH TLV:400 PPM;500 STEL

Ingred Name:GRAPHITE, NATURAL; (GRAPHITE)
CAS:7782-42-5
RTECS #:MD9659600
Fraction by Wt: 5%
OSHA PEL:15 MPPCF
ACGIH TLV:2 MG/M3 RDUST

Ingred Name:PIGMENT; (BRONZE PIGMENT)
Fraction by Wt: 2%
OSHA PEL:N/K
ACGIH TLV:N/K

Ingred Name:COPPER COMPOUND (CONTAINS 1.6% COPPER)
Fraction by Wt: 2%
OSHA PEL:1 MG/M3 (CU)
ACGIH TLV:1 MG/M3 (CU)

Ingred Name:ZINC COMPOUND (CONTAINS 0.2% ZINC)
Fraction by Wt: 2%
OSHA PEL:N/K
ACGIH TLV:N/K

Ingred Name:SUPP DATA:APPARENT. OBTAIN MEDICAL ATTENTION.
RTECS #:9999999ZZ

Ingred Name:OTHER PREC:PUNCTURE, INCIN/EXPOSE TO TEMPS >120F. HEAT FROM
SUNLIGHT, RADIATORS, STOVES, HOT WATER & OTHER HEAT (ING 10)
RTECS #:9999999ZZ

Ingred Name:ING 9:SOURCES COULD CAUSE CNTNR TO BURST. DO NOT TAKE
INTERNALLY. KEEP OUT OF REACH OF CHILDREN. USE ONLY W/ADEQ(ING 11)
RTECS #:9999999ZZ

Ingred Name:ING 10:VENT. AVOID BRTHG VAP & SPRAY MIST. AVOID CONT
W/SKIN & EYES. ADDN OF REDUCERS/OTHER ADDITIVES TO THIS (ING 12)
RTECS #:9999999ZZ

Ingred Name:ING 11:PRODUCT MAY SUBSTANTIALLY ALTER COMPOSITION &
HAZARDS OF PRODUCT.
RTECS #:9999999ZZ

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EXPOS MAY BE BY INHAL &/OR SKIN/EYE
CONT, DEPENDING ON CNDTNS OF USE. TO MIN EXPOS, FOLLOW RECS FOR
PROPER USE, VENT & PPE. ACUTE:IRRIT OF EYES, SKIN & RESP SYS. MAY
CAUSE NERV SYS DEPRESS. EXTREME OV EREXP MAY RSLT IN UNCON & POSS
DEATH. HDCH, DIZZ, NAUS & LOSS OF COORD ARE INDICATIONS OF
EXCESSIVE (EFTS OF OVEREXP)
Explanation of Carcinogenicity:NOT RELEVANT
Effects of Overexposure:HLTH HAZ:EXPOS TO VAPS/SPRAY MISTS. REDNESS &
ITCH/BURNING SENSATION MAY INDICATE EYE/EXCESSIVE SKIN EXPOS.
CHRONIC:RPTS HAVE ASSOC RPTD & PRLNG OVERERXP TO SOLVS W/PERM BRAIN
& NERV SYS DMG. INTENTIO NAL MISUSE BY DELIB CONC & INHAL CONTENTS
CAN BE HARMFUL/FATAL. WARNING:THIS PROD CONTAINS CHEMS KNOWN TO
STATE (SUPDAT)
Medical Cond Aggravated by Exposure:NONE GENERALLY RECOGNIZED.

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

First Aid:INHAL:REMOVE FROM EXPOSURE. RESTORE BREATHING. KEEP WARM & QUIET. SKIN:WASH AFFECTED AREA THOROUGHLY W/SOAP & WATER. REMOVE CONTAMINATED CLOTHING & LAUNDRER BEFORE RE-USE. EYES:FLUSH W/LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. GET MEDATTN. INGEST:NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. DO NOT INDUCE VOMIT. GIVE CONSCIOUS PATIENT SEVERAL GLASSES OF WATER. SEEK MEDICAL ATTN.

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

Flash Point:<0F,<-18C

Lower Limits:1.1%

Upper Limits:10%

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, FOAM.

Fire Fighting Procedures:USE NIOSH APPRVD SCBA & FULL PROT EQUIP .

WATER SPRAY MAY BE INEFT. IF WATER IS USED, FOG NOZZ ARE PREF.

WATER MAY BE USED TO COOL CLSD CNTNRS TO (SUPDAT)

Unusual Fire/Explosion Hazard:ISOLATE FROM HEAT, ELEC EQUIP, SPKS &

OPEN FLAME. CLSD CNTNRS MAY EXPLODE WHEN EXPOS TO EXTREME HEAT.

APPLICATION TO HOT SURFS REQ'S SPECIAL PRECS. (SUPP DATA)

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

Spill Release Procedures:REMOVE ALL SOURCES OF IGNITION. VENTILATE & REMOVE W/INERT ABSORBENT.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:DOL STOR CATEGORY:1A. KEEP AWAY FROM HEAT, SPKS & OPEN FLAME. VAPS WILL ACCUM READILY & MAY IGNITE EXPLOSIVELY. USE APPRVD BONDING & GROUNDING PROCS.

Other Precautions:DURING USE & UNTIL ALL VAPS ARE GONE:KEEP AREA VENTED; DO NOT SMOKE; EXTING ALL FLAMES, PILOT LIGHTS & HEATERS; TURN OFF STOVES, ELEC TOOLS & APPLIANCES & ANY OTHER SOURCES OF IGNIT. CONSULT NFPA CODE . CONTENTS UNDER PRESS. DO NOT (ING 9)

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

Respiratory Protection:IF PERSONAL EXPOSURE CANNOT BE CONTROLLED BELOW APPLICABLE LIMITS BY VENTILATION, WEAR A PROPERLY FITTED NIOSH APPROVED ORGANIC VAPOR/PARTICULATE RESPIRATOR FOR PROTECTION AGAINST INGREDIENTS.

Ventilation:LOC EXHST PREF. GEN EXHST ACCEPT IF EXPOS TO INGS IS MAINTAINED BELOW APPLIC EXPOS LIMS. REFER TO OSHA STDS (SUPP DATA)

Protective Gloves:CHEMICAL RESISTANT GLOVES.

Eye Protection:ANSI APPROVED CHEM WORKERS GOGGS .

Other Protective Equipment:EYE WASH FOUNTAIN & DELUGE SHOWER WHICH MEET ANSI DESIGN CRITERIA .

Work Hygienic Practices:WASH HANDS AFTER USING.

Supplemental Safety and Health

FIRE FIGHT PROC:PVNT PRESS BUILD-UP & POSS AUTOIGNIT/EXPLO WHEN EXPOS TO EXTREME HEAT. EFTS OF OVEREXP:OF CALIFORNIA TO CAUSE CANCER & BIRTH DEFECTS/OTHER REPRO HARM (CAL PROP 65). VENT:1910.94, 1910.107, 1910.108. EXPLO HAZ:DURING EMER CNDTNS OVEREXP TO DECOMP PRODS MAY CAUSE HLTH HAZ. SYMPS MAY NOT BE IMMED (ING 8)

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

Boiling Pt:B.P. Text:<212F,<100C
Vapor Pres:SEE INGS
Vapor Density:HVR/AIR
Spec Gravity:0.73
Evaporation Rate & Reference:FASTER THAN ETHER
Appearance and Odor:NONE SPECIFIED BY MANUFACTURER.
Percent Volatiles by Volume:75

===== 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.

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

Waste Disposal Methods:WASTE FROM THIS PROD MAY BE HAZ AS DEFINED UNDER
RCRA (40 CFR 261). WASTE MUST BE TESTED FOR IGNITABILITY TO DETERM
APPLIC EPA HAZ WASTE NO'S. DO NOT INCIN. DEPRESSURIZE CNTNR.
DISPOSE OF I/A/W FEDERA L, STATE & LOCAL REGULATIONS REGARDING
POLLUTION.

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