

KRYLON INDUSTRIAL -- SPECIALTY MAINTENANCE, 1304 IGNITION SEALER -- 6850-00N060244

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

Product ID:SPECIALTY MAINTENANCE, 1304 IGNITION SEALER

MSDS Date:02/20/1993

FSC:6850

NIIN:00N060244

MSDS Number: BXRRK

== Responsible Party ==

Company Name:KRYLON INDUSTRIAL

Address:31500 SOLON RD

City:SOLON

State:OH

ZIP:44139

Country:US

Info Phone Num:800-247-3266

Emergency Phone Num:216-292-7400

CAGE:DO934

== Contractor Identification ==

Company Name:KRYLON INDUSTRIAL

Address:6830 COCHRAN ROAD

City:SOLON

State:OH

ZIP:44139

Country:US

Phone:800-247-3266

CAGE:DO934

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:PROPANE; (PROPELLANT) . VP: 760.0

CAS:74-98-6

RTECS #:TX2275000

Fraction by Wt: 15%

OSHA PEL:1000 PPM

ACGIH TLV:ASPHYXIANT; 9495

Ingred Name:PROPANE, 2-METHYL; (2-METHYL PROPANE (PROPELLANT)) . VP: 760.0

CAS:75-28-5

RTECS #:TZ4300000

Fraction by Wt: 15%

OSHA PEL:N/K

ACGIH TLV:N/K

Ingred Name:TOLUENE (SARA 313) (CERCLA) . VP: 22.0

CAS:108-88-3

RTECS #:XS5250000

Fraction by Wt: 11%

OSHA PEL:200 PPM; Z-2

ACGIH TLV:S, 50 PPM; 9495

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:BENZENE, ETHYL-; (ETHYL BENZENE) (SARA 313) . VP: 7.1

CAS:100-41-4

RTECS #:DA0700000

Fraction by Wt: 3%

OSHA PEL:100 PPM

ACGIH TLV:100 PPM/125STEL;9495

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:XYLENE (SARA 313) (CERCLA) . VP: 5.9

CAS:1330-20-7

RTECS #:ZE2100000

Fraction by Wt: 13%

OSHA PEL:100 PPM

ACGIH TLV:100 PPM/150STEL;9495

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:NAPHTHA, LIGHT AROMATIC (SOLVENT NAPHTHA). VP: 3.8
CAS:64742-95-6
RTECS #:WF3400000
Fraction by Wt: 2%
OSHA PEL:N/K
ACGIH TLV:N/K

Ingred Name:ACETONE (SARA 313) (CERCLA). VP: 180.0
CAS:67-64-1
RTECS #:AL3150000
Fraction by Wt: 11%
OSHA PEL:1000 PPM
ACGIH TLV:750PPM/1000STEL;9495
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:VOLATILE ORGANIC CONTENT: 93% WT EXCLUDING FEDERALLY EXEMPT SOLVENTS).
RTECS #:9999999VO
OSHA PEL:N/K
ACGIH TLV:N/K

Ingred Name:EFTS OF OVEREXP: D-LIMONENE WAS ASSOCD W/SKIN TUMORS IN MICE IN ONE LAB STUDY. THE SIGNIFICANCE OF THIS STUDY (ING 10)
RTECS #:9999999ZZ

Ingred Name:ING 9:STUDY TO HUMAN IS NOT KNOWN. RATS EXPOSED TO TITANIUM DIOXIDE DUST AT 250 MG/M3 DEVELOPED LUNG CANCER, (ING 11)
RTECS #:9999999ZZ

Ingred Name:ING 10:HOWEVER, SUCH EXPOS LEVELS ARE NOT ATTAINABLE IN WORKPLACE. RPTS HAVE ASSOC RPTD & PROLONGED OVEREXPOSURE(ING 12)
RTECS #:9999999ZZ

Ingred Name:ING 11:TO SOLVENTS W/PERM BRAIN & NERVOUS SYS DMG. TOLUENE APPEARS ON THE NAVY LISTING OF OCCUP CHEMICAL REPRO (ING 13)
RTECS #:9999999ZZ

Ingred Name:ING 12:HAZARDS. SEEK CONSULTATION FROM APPROPRIATE HEALTH PROFESSIONALS CONCERNING LATEST HAZARD LIST (ING 14)
RTECS #:9999999ZZ

Ingred Name:ING 13: INFORMATION AND SAFE HANDLING AND EXPOSURE INFORMATION .
RTECS #:9999999ZZ

Ingred Name:HNDLG/STOR PREC:FROM SUNLIGHT, RADIATORS, STOVES, HOT H*20, & OTHER HEAT SOURCES COULD CAUSE CONTAINER TO BURST.(ING 16)
RTECS #:9999999ZZ

Ingred Name:ING 15:DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN. KEEP AWAY FROM HEAT, SPARKS, & OPEN FLAME. (ING 17)
RTECS #:9999999ZZ

Ingred Name:ING 16:VAPORS WILL ACCUM READILY & MAY IGNITE EXPLOSIVELY. DURING USE & UNTIL ALL VAPORS ARE GONE: KEEP AREA (ING 18)
RTECS #:9999999ZZ

Ingred Name:ING 17:VENTILATED-DO NOT SMOKE-EXTINGUISH ALL FLAMES, PILOT LIGHTS, & HEATERS-TURN OFF STOVES, ELECTRIC TOOLS & (ING 19)
RTECS #:9999999ZZ

Ingred Name:ING 18:APPLIANCES, & ANY OTHER SOURCES OF IGNITION. CONSULT NFPA CODE. USE APPROVED BONDING AND GROUNDING PROCEDURES.
RTECS #:9999999ZZ

Ingred Name:WASTE DISP METH:FEDERAL, STATE, AND LOCAL REGULATIONS REGARDING POLLUTION.
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:ACUTE:IRRITATION OF EYES, SKIN & RESPIRATORY SYSTEM. MAY CAUSE NERVOUS SYSTEM DEPRESSION. EXTREME OVEREXPOSURE MAY RESULT IN UNCONSCIOUSNESS AND POSSIBLY DEATH. HEADACHE, DIZZINESS, NAUSEA, AND LOSS O F COORDINATION ARE INDICATIONS OF EXCESSIVE EXPOSURE TO VAPORS OR SPRAY MISTS. REDNESS

AND ITCHING OR (EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT.

Effects of Overexposure:HLTH HAZ:BURNING SENSATION MAY INDICATE

EYE/EXCESSIVE SKIN EXPOS. CHRONIC:NO INGRED IN THESE PROD IS AN
IARC, NTP/OSHA LISTED CARCINOGEN. PROLONGED OVEREXPOSURE TO SOLVENT
INGREDIENTS IN SECTION II MA Y CAUSE ADVERSE EFFECTS TO THE LIVER,
URINARY, BLOOD-FORMING, CARDIOVASCULAR, AND REPRODUCTIVE SYSTEMS.
(ING 10)

Medical Cond Aggravated by Exposure:NONE GENERALLY RECOGNIZED.

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

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

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

Flash Point:<0F,<-18C

Lower Limits:0.9%

Upper Limits:12.8%

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, FOAM.

Fire Fighting Procedures:USE NIOSH/MSHA APPRVD SCBA & FULL PROT EQUIP .
H*2O SPRAY MAY BE INEFT. IF H*2O IS USED FOG NOZZLES ARE PREF. IF
H*2O IS USED, FOG IS USED, FOG (SUPDAT)

Unusual Fire/Explosion Hazard:ISOLATE FROM HEAT, ELEC EQUIP, SPARKS, &
OPEN FLAME. CLSD CNTNRS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT.
APPLICATN TO HOT SURFS REQS SPEC PRECAUTIONS.(SUPDAT)

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

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

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:CONTENTS UNDER PRESSURE. DO NOT
PUNCTURE, INCINERATE,/EXPOSE TO TEMPS>120F. HEAT (ING 18)

Other Precautions:USE ONLY WITH ADEQUATE VENTILATION. AVOID BREATHING
VAPOR AND SPRAY MIST. AVOID CONTACT WITH SKIN AND EYES. WASH HANDS
AFTER USING. INTENTIONAL MISUSE BY DELIBERATELY CONC & INHAL
CONTENTS CAN BE HARM FUL/FATAL.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE
FOR EXPOSURE OF CONCERN . IF PERS EXPOS CANNOT BE CONTROLLED BELOW
APPLICABLE LIM BY VENT, WEAR PROPERLY FITTED ORGANIC
VAPOR/PARTICULATE RESP APPR VD BY NIOSH/MSHA FOR PROT AGAINST
MATLS.

Ventilation:LOCAL EXHAUST PREF. GENERAL EXHAUSE ACCEPTABLE IF EXPOS TO
MATL IN SECTION II IS MAINTAINED BELOW APPLIC EXPOS LIMITS.

Protective Gloves:IMPERVIOUS GLOVES .

Eye Protection:ANSI APPRVD CHEM WORKERS GOGGLES .

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

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

FIRE FIGHT PROC:NOZZLES ARE PREF. H*2O MAY BE USED TO COOL CLSD CNTNRS
TO PVNT PRESS BUILD-UP & POSS AUTOIGNITION/EXPLOSION WHEN EXPOSED
TO EXTREME HEAT. EXPLO HAZ:DURING EMER CONDTNS OVEREXP TO DECOM P
PRODS MAY CAUSE HLTH HAZ. SYMPS MAY NOT BE IMMED APPARENT. OBTAIN
MED ATTN.

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

Boiling Pt:B.P. Text:415F,213C

Vapor Pres:SEE INGRED

Vapor Density:HVR/AIR

Evaporation Rate & Reference:FASTER THAN ETHER

Appearance and Odor:NONE SPECIFIED BY MANUFACTURER.

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

Stability Indicator/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 THIS PROD MAY BE HAZ AS DEFINED UNDER RESOURCE CONSERVATION & RECOVERY ACT (RCRA) 40 CRF 261. WASTE MUST BE TESTED FOR IGNITABILITY TO DETERM APPLIC EPA HAZS WASTE NUMB. DO NOT INCINERATE. DEPRESSURIZE CONTAINER. DISPOSE OF I/A/W (ING 23)

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