



Material Safety Data Sheet

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SECTION I - Material Identity

Item Name	KRYLON INT/EXT ENAMEL, 1501
Part Number/Trade Name	GLOSSY WHITE
National Stock Number	8010001322865
CAGE Code	54636
Part Number Indicator	C
MSDS Number	172259
HAZ Code	B

SECTION II - Manufacturer's Information

Manufacturer Name	KRYLON SHERWIN WILLIAMS CO
Street	31500 SOLON RD
City	SOLON
State	OH
Country	US
Zip Code	44139
Emergency Phone	216-292-7400
Information Phone	800-247-3266

MSDS Preparer's Information

Date MSDS Prepared/Revised	04JAN93
Date of Technical Review	15APR94
Active Indicator	Y

Alternate Vendors

Vendor #5 CAGE	BVMYM
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SECTION III - Physical/Chemical Characteristics

Hazard Storage Compatibility Code	NK
Appearance/Odor	NONE SPECIFIED BY MANUFACTURER
Boiling Point	>0F, >-18C
Melting Point	N/A
Vapor Pressure	SEE INGS
Vapor Density	HVR/AIR
Specific Gravity	1
Decomposition Temperature	N/K
Evaporation Rate	FASTER THAN ETHER
Solubility in Water	NOT APPLICABLE
Percent Volatiles by Volume	N/K
Chemical pH	N/K
Corrosion Rate	N/K
Container Pressure Code	4
Temperature Code	8
Product State Code	U

SECTION IV - Fire and Explosion Hazard Data

Flash Point	0
Flash Point Method	PMCC
Lower Explosion Limit	0.9%
Upper Explosion Limit	13.1%
Extinguishing Media	CARBON DIOXIDE, DRY CHEMICAL, FOAM
Special Fire Fighting Procedures	WEAR NIOSH/MSHA APPRVD SCBA & FULL PROT EQUIP (FP N). IF WATER IS USED, FOG NOZZ PREFERABLE. WATER MAY BE USED TO COOL CLSD CNTNRS TO PREVENT PRESS (SUPP DATA)
Unusual Fire/Explosion Hazards	KEEP CNTNRS TIGHTLY CLSD. ISOLATE FROM HEAT, ELEC EQUIP, SPARKS, & OPEN FLAME. CLOSED CNTNRS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT. APPLIC TO HOT (SUPP DATA)

SECTION V - Reactivity Data

Stability	YES
Stability Conditions to Avoid	NONE SPECIFIED BY MANUFACTURER
Materials to Avoid	NONE KNOWN
Hazardous Decomposition Products	BY FIRE: CARBON DIOXIDE, CARBON MONOXIDE, OXIDES OF METALS IN INGREDIENTS
Hazardous Polymerization	NO
Polymerization Conditions to Avoid	NOT RELEVANT
LD50 - LD50 Mixture	NONE SPECIFIED BY MANUFACTURER

SECTION VI - Health Hazard Data

Route of Entry: Skin	NO
Route of Entry: Ingestion	NO
Route of Entry: Inhalation	YES
Health Hazards - Acute and Chronic	EXPOSURE MAY BE BY INHAL &/OR SKIN OR EYE CNTCT, DEPENDING ON CNDTNS OF USE. TO MINIMIZE EXPOSURE, FOLLOW RECOM FOR PROPER USE, VENT, & PERSON PROT EQUIP. IRRIT OF EYES, SKIN & RESP SYS. MAY CAUSE NERV SYS DEPRESSION. EXTREME OVEREXP MAY RESULT IN UNCON & POSS DEATH. HEADACHE, DIZZ, NAUSEA, & LOSS (EFTS OF OVEREXP)
Carcinogenity: NTP	NO
Carcinogenity: IARC	NO
Carcinogenity: OSHA	NO
Explanation of Carcinogenity	NOT RELEVANT
Symptoms of Overexposure	HLHT HAZ:OF COORD ARE INDICATIONS OF EXCESS EXPOSURE TO VAPS/SPRAY MISTS. REDNESS & ITCHING/BURNING SENS MAY INDICATE EYE OR EXCESS SKIN EXPOSURE. CHRONIC: NO INGRED IN THESE PRODS IS AN IARC, NTP OR OSHA LISTED CARCIN. PRLNGD OVEREXP TO SOLV INGRED IN INGRED SECT MAY CAUSE ADVERSE EFTS (ING 12)
Medical Cond. Aggrevated by Exposure	NONE GENERALLY RECOGNIZED
Emergency/First Aid Procedures	INHAL: REMOVE FROM EXPOSURE, RESTORE BREATHING. KEEP WARM & QUIET. SKIN: WASH AFFECTED AREA THOROUGHLY WITH SOAP & WATER. REMOVE CONTAM CLOTHING & LAUNDER BEFORE RE-USE. EYE: FLUSH EYES W/LRG AMTS OF WATER FOR @ LST 15 MIN. GET MED ATTN. INGEST: GET MEDICAL ATTENTION

SECTION VII - Precautions for Safe Handling and Use

Steps if Material Released/Spilled

REMOVE ALL SOURCES OF IGNITION.
VENTILATE AND REMOVE WITH INERT

Neutralizing Agent
Waste Disposal Method

ABSORBENT

NONE SPECIFIED BY MANUFACTURER
WASTE FROM PROD MAY BE HAZ AS
DEFINED UNDER RCRA 40 CFR 261.
WASTE MUST BE TESTED FOR IGNIT
TO DETERMINE APPLIC EPA HAZ
WASTE NO. INCINERATE IN APPRVD
FACILITY. DO NOT INCINERATE
CLSD CNTNR. DISP OF I/A/W FED,
STATE & LOC REGS REGARDING
POLLUTION

Handling and Storage Precautions

ONLY W/ADEQ VENT. AVOID BRTHG
VAP & SPRAY MIST. AVOID CONTACT
W/SKIN & EYES. WASH HANDS AFTER
USING. CONTENTS ARE FLAMM. KE

Other Precautions

KEEP AWAY FROM HEAT, SPARKS, &
OPEN FLAME. DURING USE & UNTIL
ALL VAPS ARE GONE: KEEP AREA
VENT. DO NOT SMOKE. EXTING ALL
FLAMES, PILOT LIGHTS, &
HEATERS. TURN OFF STOVES,
ELECTRIC TOOLS APPLIANCES, &
ANY OTHER SOURCES OF IGNIT.
(ING 18)

SECTION VIII - Control Measures

Respiratory Protection

IF PERSONAL EXPOSURE CANNOT BE
CONTROLLED BELOW APPLIC LIMITS
BY VENT, WEAR NIOSH/MSHA
APPROVED PROPERLY FITTED
ORGANIC VAP/PARTICULATE RESP.
WHEN SANDING/ABRADING THE DRIEF
FILM, WEAR NIOSH/MSHA APPRVD
DUST/MIST RESP FOR DUST (ING
24)

Ventilation

LOC EXHST PREFERABLE. GEN EXHST
ACCEPTABLE IF THE EXPOSURE TO
MATLS IN INGRED SECT IS
MAINTAINED BELOW APPLIC (ING
25)

Protective Gloves

IMPERVIOUS GLOVES (FP N)
ANSI APPRVD CHEM WORKERS
GOGGLES (FP N)

Eye Protection

Other Protective Equipment

NONE SPECIFIED BY MANUFACTURER
NONE SPECIFIED BY MANUFACTURER

Work Hygenic Practices

THIS IS A REFORMULATION; PART
NUMBER INDICATOR "C" DENOTES
NEWER PRODUCT THAN "B",
8010-00-132-2865. INGRED &
OTHER CHANGES MAY APPLY (FP N).
FIRE FIGHT PROC: BUILD-UP &
POSS AUTOIGNIT/EXPLO WHEN
EXPOSED TO EXTREME HEAT. EXPLO
HAZ: SURFS REQUIRES SPECIAL
PRECS. DURING EMER CNDTNS
OVEREXP TO DECOMP (ING 11)

Supplemental Health/Safety Data

SECTION IX - Label Data

Protect Eye	YES
Protect Skin	YES
Protect Respiratory	YES
Chronic Indicator	YES
Contact Code	SLIGHT
Fire Code	UNKNOWN
Health Code	UNKNOWN
React Code	UNKNOWN
Specific Hazard and Precaution	KEEP AWAY FROM HEAT, SPARKS & FLAME. ACUTE: IRRITATION OF EYES, SKIN AND RESPIRATORY SYSTEM. MAY CAUSE NERVOUS SYSTEM DEPRESSION. EXTREME OVEREXP MAY RESULT IN UNCONSCIOUSNESS AND POSSIBLY DEATH. CHRONIC: PROLONGED OVEREXP TO SOLV INGREDIENTS MAY CAUSE ADVERSE EFFECTS TO THE LIVER, URINARY, BLOOD FORMING, CARDIOVASCULAR AND REPRODUCTIVE SYSTEMS. REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUP OVEREXP TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. TOLUENE APPEARS ON NAVY OCCUPATIONAL CHEMICAL REPRODUCTIVE HAZARDS LIST (FP N)

SECTION X - Transportation Data

Container Quantity	13
Unit of Measure	OZN

SECTION XI - Site Specific/Reporting Information

Volatile Organic Compounds (P/G)	6
Volatile Organic Compounds (G/L)	719.033

SECTION XII - Ingredients/Identity Information

Ingredient #	01
Ingredient Name	7PROPANE. VP: 760
CAS Number	74986
NIOSH Number	TX2275000
Proprietary	NO
Percent	18
OSHA PEL	1000 PPM
ACGIH TLV	ASPHYXIAN

Recommended Limit	N/K
Ingredient #	02
Ingredient Name	TOLUENE. VP: 22
CAS Number	108883
NIOSH Number	XS5250000
Proprietary	NO
Percent	2
OSHA PEL	200 PPM;150 STEL
ACGIH TLV	50 PPM
Recommended Limit	N/K
Ingredient #	03
Ingredient Name	BENZENE, ETHYL-; (ETHYL BENZENE) (SARA III). VP: 7.1
CAS Number	100414
NIOSH Number	DA0700000
Proprietary	NO
Percent	8
OSHA PEL	100 PPM;125 STEL
ACGIH TLV	100 PPM;125 STEL
Recommended Limit	N/K
Ingredient #	04
Ingredient Name	XYLENE. VP: 5.9
CAS Number	1330207
NIOSH Number	ZE2100000
Proprietary	NO
Percent	7
OSHA PEL	100 PPM;150 STEL
ACGIH TLV	100 PPM;150 STEL
Recommended Limit	N/K
Ingredient #	05
Ingredient Name	BUTYL ALCOHOL; (1-BUTANOL). VP: 5.5
CAS Number	71363
NIOSH Number	EO1400000
Proprietary	NO
Percent	2
OSHA PEL	N/K (FP N)
ACGIH TLV	N/K (FP N)
Recommended Limit	N/K
Ingredient #	06
Ingredient Name	ACETONE (SARA III). VP: 180
CAS Number	67641
NIOSH Number	AL3150000
Proprietary	NO
Percent	37
OSHA PEL	1000 PPM
ACGIH TLV	750 PPM;1000 STEL
Recommended Limit	N/K
Ingredient #	07
Ingredient Name	2-BUTANONE; (METHYL ETHYL KETONE). VP: 70
CAS Number	78933

NIOSH Number	EL6475000
Proprietary	NO
Percent	9
OSHA PEL	200 PPM;300 STEL
ACGIH TLV	200 PPM;300 STEL
Recommended Limit	N/K
Ingredient #	08
Ingredient Name	ACETIC ACID, 2-METHOXY-1-METHYLETHYL ESTER; (1-METHOXY-2-PROPANOL ACETATE). VP: 1.8
CAS Number	108656
NIOSH Number	AI8925000
Proprietary	NO
Percent	8
OSHA PEL	N/K (FP N)
ACGIH TLV	N/K (FP N)
Recommended Limit	N/K
Ingredient #	09
Ingredient Name	TITANIUM OXIDE; (TITANIUM DIOXIDE)
CAS Number	13463677
NIOSH Number	XR2275000
Proprietary	NO
Percent	8
OSHA PEL	15 MG/M3 TDUST
ACGIH TLV	10 MG/M3 TDUST
Recommended Limit	N/K
