

BORDEN INC -- KRYLON INT/EXT ENAMEL, 2101 CHERRY RED -- 8010-00-141-2952

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Product Identification  
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Product ID:KRYLON INT/EXT ENAMEL, 2101 CHERRY RED

MSDS Date:04/10/1989

FSC:8010

NIIN:00-141-2952

MSDS Number: BDBNT

=== Responsible Party ===

Company Name:BORDEN INC

Address:180 E BROAD ST

City:COLUMBUS

State:OH

ZIP:43215

Country:US

Info Phone Num:800-848-9400; 514-431-6680

Emergency Phone

Num:614-431-6600

CAGE:07982

=== Contractor Identification ===

Company Name:BORDEN CHEMICAL CO

Address:180 E BROAD ST

Box:City:COLUMBUS

State:OH

ZIP:43215-3705

Country:US

Phone:614-225-6124

CAGE:86142

Company Name:BORDEN INC

Address:180 E BROAD ST

Box:208

City:COLUMBUS

State:OH

ZIP:43215-3705

Country:US

Phone:614-225-6124

CAGE:07982

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Composition/Information on Ingredients  
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Ingred Name:BUTYL ALCOHOL; (BUTANOL)

CAS:71-36-3

Fraction by Wt: 1-5%

OSHA PEL:100 PPM

ACGIH TL

V:S, C 50 PPM; 9293  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:2-BUTANONE; (METHYL ETHYL KETONE) (MEK) (SARA III)  
CAS:78-93-3  
RTECS #:EL6475000  
Fraction by Wt: 5-10%  
OSHA PEL:200 PPM;300 PPM STEL  
ACGIH TLV:200 PPM;300 PPM STEL  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:XYLENE; (MIXED ISOMERS) (SARA III)  
CAS:1330-20-7  
RTECS #:ZE2100000  
Fraction by Wt: 10-30%  
OSHA PEL:100 PPM;150 PPM STEL  
ACGIH TLV:100 PPM;150 PPM STEL  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:TOLUENE (SARA III)  
CAS:108-88-3  
RTECS #:XS5250000  
Fraction by Wt: 1-5%  
OSHA PEL:200 PPM/150 STEL  
ACGIH TLV:50 PPM; 9293  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:ACETONE (SARA III)  
CAS:67-64-1  
RTECS #:AL3150000  
Fraction by Wt: 30-50%  
OSHA PEL:1000PPM  
ACGIH TLV:750PPM/1000STEL;9293  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:PROPANE  
CAS:74-98-6  
RTECS #:TX2275000  
Fraction by Wt: 10-30%  
OSHA PEL:1000 PPM  
ACGIH TLV:ASPHYXIAN

Ingred Name:2-PENTANONE, 4-METHYL-; (METHYL I

SOBUTYL KETONE) (SARA  
III)

CAS:108-10-1

RTECS #:SA9275000

Fraction by Wt: 1-5%

OSHA PEL:100 PPM/75 STEL

ACGIH TLV:50 PPM/75 STEL; 9293

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:ACETIC ACID, 2-METHOXY-1-METHYLETHYL ESTER; (2-PROPANOL,  
1-METHOXY-, ACETATE)

CAS:108-65-6

RTECS #:AI8295000

Fraction by Wt: 5-10%

Ingred Name:EFTS OF OVEREXP:LIVER DMG. REPORTS HAVE ASSOC RPTD & PRLNG  
OCCUP OVEREXP TO SOLVS W/PERM BRAIN & NERV SYS DMG. (ING 10)

RTECS #:9999999ZZ

Ingred Name:IN

G 9:INTENT MISUSE BY DELIBERATELY CONCENTRATING &

INHALING CONTENTS MAY LEAD TO ADDICTION & MAY BE HARMFUL/FATAL.

RTECS #:9999999ZZ

Ingred Name:FIRST AID PROC:W/ENTIRE SURFACE OF EYES & LIDS. CALL MD.

RTECS #:9999999ZZ

Ingred Name:VENT:PROVIDED TO KEEP AIR CONTAM CONC LEVELS BELOW ACCEPT  
CRITERIA. ENGINEERING CTLS:FOLLOWING EXPOS CONTROL (ING 13)

RTECS #:9999999ZZ

Ingred Name:ING 12:TECHNIQUES MAY BE USED TO EFFECTIVELY MIN EMPLOYEE  
EXPOS:LOC EXHST VENT, ENCLSD SYS DESIGN, PROCESS  
(ING 14)

RTECS #:9999999ZZ

Ingred Name:ING 13:ISOLATION & REMOTE CTL IN COMBINATION W/APPROP USE  
OF PERSONAL PROT EQUIP & PRUDENT WORK PRACTS. THESE (ING 15)

RTECS #:9999999ZZ

Ingred Name:ING 14:TECHNIQUES MAY NOT NEC ADDRESS ALL ISSUES PERTAINING  
TO YOUR OPERATIONS. WE, THEREFORE, REC THAT YOU (ING 16)

RTECS #:9999999ZZ

Ingred Name:ING 15:CONSULT W/EXPERTS OF YOUR CHOICE TO DETERMINE  
WHETHER OR NOT YOUR PROGRAMS ARE ADEQUATE.

RTECS #:9999999ZZ

Ingred Name:HYGIENE PRACT:& REMOVA

L OF MATERIAL FROM EYES, SKIN &  
CLOTHING.

RTECS #:9999999ZZ

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:NOTE:TOLUENE (108-88-3) APPEARS ON  
NAVY LIST OF OCCUP CHEMICAL REPRO HAZS. CONSULT WITH APPROP HLTH  
PROFS CONCERNING LATEST HAZ LIST INFO & SAFE HNDLG & EXPOS RECS

INGEST:NOT EXPECTED TO BE HARMFUL UNDER NORMAL CNDTNS OF USE. IF  
ACCIDENTALLY SWALLOWED, BURNS/IRRIT TO MUC MEMBS, ESOPHAGUS/GI  
(EFTS OF OVEREXPOS)

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:HLTH HAZ TRACT CAN RSLT. INHAL:MAY BE HARMFUL  
IF INHALED, LIQ/VAP MAY CAUSE IRRIT OF NOSE, THROAT & LUNGS. CAN  
CAUSE CNS DEPRESS. SKIN/EYES:CAUSES IRRIT. COMPONENTS OF PROD MAY  
CAUSE CNS DEPRESS (HDCH , DIZZ, NAUS, VOMIT, UNCON, ASPHY), REPRO  
DISORDERS,

MAY SHORTEN TIME OF ONSET OF PERIPHERAL NEUROPATHY,  
KIDNEY/ (ING 9)

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INGEST:DILUTE BY DRINKING LG QTYS OF WATER. IMMEDIATELY  
CONTINUE TO HOSPITAL EMER ROOM FOR ANY OTHER ADDNL TREATMENT  
DIRECTIONS. INHAL:REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIF RESP,  
PREF MOUTH-TO-MOUTH. SKIN:FLUSH W/WATER. REMOVE CONTAM CLOTHG. CALL  
MD IF IRRIT

IF PERSISTS. EYE:IMMEDIATELY FLUSH W/PLENTY OF WATER FOR @ LST  
15 MINS. EYELIDS SHLD BE HELD APART DURING IRRIGATION TO INSURE  
WATER CONTACT(ING 11)

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

Flash Point:EXTREMELY FLAMM

Extinguishing Media:DRY CHEMICAL, CO<sub>2</sub>, FOAM. WATER MAY BE INEFFECTIVE,  
BUT SHOULD BE USED TO KEEP FIRE-EXPOSED CONTAINERS COOL.

Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA & FULL  
PROTECTIVE EQUIPMENT .

Unusual Fire/Explosion Hazard:DO

NOT INCIN (BURN) CNTNR. AVOID HEAT.

KEEP CNTNR 120F.

AVOID BREATHING VAPOR OR MIST. USE W/ADEQUATE VENTILATION. AVOID CONTACT W/SKIN & EYES.

Other Precautions:BEFORE USING OR HANDLING, READ & UNDERSTAND MSDS.

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

Respiratory Protection:WHERE AIR CONTAMS CAN EXCEED ACCEPT CRITERIA, USE NIOSH/MSHA APPRVD RESP PROT EQUIP. RESPS SHLD BE SELECTED BASED ON FORM & CONC OF CONTAMS IN AIR I/A/W OSHA 29 CFR 1910.134/OTHER

ER

APPLIC STDS/GUIDELINES.

Ventilation:IF AIRBORNE CONTAMS ARE GEN WHEN MATL IS HEATED/HNDLD, SUFFICIENT VENT IN VOL & AIR FLOW PATTERNS SHLD BE (ING 12)

Protective Gloves:IMPERVIOUS.

Eye Protection:CHEMICAL WORKERS GOGGLES .

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:WASH THORO AFTER HNDLG. HANDLE I/A/W GOOD INDUS HYGIENE & SAFETY PRACTS. THESE PRACTS INCL AVOIDING UNNEC EXPOS (ING 17)

Supplemental Safety and Health

EXPLO HAZ:OTHER HEAT S

SOURCES. DO NOT PUNC CNTNR. CONTENTS UNDER PRESS

WILL DISCHARGE. AVOID OPEN FLAMES, SPKS, PILOT LIGHTS. DO NOT SMOKE. VAP MAY IGNITE EXPLOSIVELY. SPRAY MIST/VAP EVAP FROM DEPOSITE D FILM IS HVR/AIR & MAY SETTLE IN LOW PLACES/TRAVEL OUTWARD TO SOURCES OF IGNIT & FLASHBACK.

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

HCC:V3

Vapor Pres:60 PSIG

Vapor Density:>1.0

Spec Gravity: