MATERIAL SAFETY DATA SHEET
Consumer Products Division, Division of Borden, Inc.
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For technical information only, 614-431-6800

THE OSHA HAZARD COMMUNICATION STANDARD 29 CFR 1910.1200 REQUIRES THAT
THE INFORMATION CONTAINED ON THIS SHEET BE MADE AVAILABLE TO YOUR WORKERS.

INSTRUCT YOUR WORKERS TO HANDLE THIS PRODUCT PROPERLY

DESCRIPTION:
KRYLON INT./EXT. ENAMEL

PRODUCT TYPE:
SPRAY PAINT "AEROSOL"

APPLICATION:

10-Apr-89

SIGNAL WORD DANGER!
THIS MATERIAL IS A “HEALTH HAZARD” AND/OR A “PHYSICAL HAZARD” AS DETERMINED WHEN REVIEWED ACCORDING TO THE REQUIREMENTS OF THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION 29 CFR PART 1910.1200 “HAZARD COMMUNICATION” STANDARD.

CHEMICAL HAZARD RATING
HEALTH—2(MODERATE)
FIRE—4(EXTREME)
REACTIVITY—2(MOST)
CHRONIC—**

29CFR1910.1200 HAZARDOUS INGREDIENTS/REPORTED HEALTH EFFECTS
CAS/REGISTRY NO. MATERIAL DESCRIPTION % RANGE

THE INGREDIENTS LISTED BELOW HAVE BEEN ASSOCIATED WITH ONE OR MORE OF THE LISTED IMMEDIATE AND/OR DELAYED (*) HEALTH HAZARDS. RISK OF DAMAGE AND EFFECTS DEPENDS UPON DURATION AND LEVEL OF EXPOSURE. BEFORE USING OR HANDLING, READ AND UNDERSTAND THE MSDS.

67-64-1 ACETONE
NOTE REvised OSHA PEL
CAN CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION. SIGNS AND SYMPTOMS MAY INCLUDE HEADACHE, DIZZINESS, NAUSEA, VOMITING, UNCONSCIOUSNESS AND EVEN ASPHYXIATION.
SEE FOOTNOTE C.
ACGIH TLV: 750 PPM (770 MG/M3) TWA; 1000 PPM (2375 MG/M3) STEL
OSHA PEL: 750 PPM (1000 MG/M3) TWA; 1000 PPM (2400 MG/M3) STEL
NIOSH DOCUMENT NUMBER: 78-173

71-35-3 1-BUTANOL
1-5
CAN CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION. SIGNS AND SYMPTOMS MAY INCLUDE HEADACHE, DIZZINESS, NAUSEA, VOMITING, UNCONSCIOUSNESS AND EVEN ASPHYXIATION.
SEE FOOTNOTE C.
ACGIH TLV: SKIN - 50 PPM (150 MG/M3) CEILING
OSHA PEL: SKIN - 50 PPM (150 MG/M3) CEILING

74-98-5 PROPANE
10-30
THIS MATERIAL IS A SIMPLE ASPHYXIANT. SIGNS AND SYMPTOMS OF OVEREXPOSURE INCLUDE CYANOSIS, RESPIRATORY DISTRESS, HEADACHE, DIZZINESS, DROWSINESS, UNCONSCIOUSNESS AND ASPHYXIATION.
CAN CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION.
SEE FOOTNOTE C.
ACGIH TLV: SIMPLE ASPHYXIANT - SEE ACGIH TLVS, APPENDIX E
OSHA PEL: 1000 PPM (1000 MG/M3) TWA

76-03-3 *METHYL ETHYL KETONE
5-10
NOTE REvised OSHA PEL
SUSPECT REPRODUCTIVE HAZARD. MAY CAUSE REPRODUCTIVE DISORDERS BASED ON ANIMAL DATA.
METHYL ETHYL KETONE MAY POTENTIATE (SHORTEN THE TIME OF ONSET) PERIPHERAL NEUROPATHY CAUSED BY METHYL N-BUTYL KETONE OR N-HEXANE. METHYL ETHYL KETONE BY ITSELF HAS NOT BEEN SHOWN TO CAUSE PERIPHERAL NEUROPATHY.
CAN CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION. SIGNS AND SYMPTOMS MAY INCLUDE HEADACHE, DIZZINESS, NAUSEA, VOMITING, UNCONSCIOUSNESS AND ASPHYXIATION.
REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY LEAD TO ADDICTION AND MAY BE HARMFUL OR FATAL.
SEE FOOTNOTE C.
ACGIH TLV: 200 PPM (590 MG/M3) TWA; 300 PPM (885 MG/M3) STEL
OSHA PEL: 200 PPM (590 MG/M3) TWA; 300 PPM (885 MG/M3) STEL
NIOSH DOCUMENT NUMBER: 78-173

108-10-1 METHYL ISOBUTYL KETONE
NOTE REvised OSHA PEL
CAN CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION. SIGNS AND SYMPTOMS MAY INCLUDE HEADACHE, DIZZINESS, NAUSEA, VOMITING, UNCONSCIOUSNESS AND EVEN ASPHYXIATION.
SEE FOOTNOTE C.
ACGIH TLV: 50 PPM (205 MG/M3) TWA; 75 PPM (300 MG/M3) STEL
OSHA PEL: 50 PPM (205 MG/M3) TWA; 75 PPM (300 MG/M3) STEL
NIOSH DOCUMENT NUMBER: 78-173

108-65-8 2-PROPANOL, 1-METHOXY, ACETATE
5-10
NOTE REvised OSHA PEL
SEE FOOTNOTE C.
ACGIH TLV: NONE ESTABLISHED
OSHA PEL: NONE ESTABLISHED

108-80-3 *TOLUENE
1-5
NOTE REvised OSHA PEL
CAN CAUSE LIVER DAMAGE.
CAN CAUSE KIDNEY DAMAGE.
CAN CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION. SIGNS AND SYMPTOMS MAY INCLUDE HEADACHE, DIZZINESS, NAUSEA, VOMITING, UNCONSCIOUSNESS AND ASPHYXIATION.
REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY LEAD TO ADDICTION AND MAY BE HARMFUL OR FATAL.
SEE FOOTNOTE C.
ACGIH TLV: 100 PPM (375 MG/M3) TWA; 150 PPM (565 MG/M3) STEL
OSHA PEL: 100 PPM (375 MG/M3) TWA; 150 PPM (565 MG/M3) STEL
NIOSH DOCUMENT NUMBER: 73-11023

1330-20-7 *XYLENE
10-30
NOTE REvised OSHA PEL
CAN CAUSE LIVER DAMAGE.
CAN CAUSE KIDNEY DAMAGE.
CAN CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION. SIGNS AND SYMPTOMS MAY INCLUDE HEADACHE, DIZZINESS, NAUSEA, VOMITING, UNCONSCIOUSNESS AND ASPHYXIATION.
SEE FOOTNOTE C.
ACGIH TLV: 100 PPM (435 MG/M3) TWA; 150 PPM (655 MG/M3) STEL
OSHA PEL: 100 PPM (435 MG/M3) TWA; 150 PPM (655 MG/M3) STEL
NIOSH DOCUMENT NUMBER: 75-168

13462-67-7 *TITANIUM DIOXIDE
1-5
NOTE REvised OSHA PEL
CAN CAUSE LUNG FIBROSIS. PRE-EXISTING RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE.
SEE FOOTNOTE C.
ACGIH TLV: TOTAL DUST 10 MG/M3 TWA
OSHA PEL: RESPIRABLE FRACTION/TOTAL DUST 5/10 MG/M3 TWA
FOOTNOTE C: AS OF THE DATE OF ISSUE OF THIS DOCUMENT, THIS MATERIAL HAS NOT BEEN LISTED BY NTP, IARC OR OSHA AS A CARCINOGEN.

PHYSICAL DATA
VAPOR PRESSURE — SEE CAN PRESSURE
VAPOR DENSITY HEAVIER THAN AIR
SOLUBILITY IN WATER
SLIGHT
SPECIFIC GRAVITY LIGHTER THAN WATER
EVAP RATE FASTER THAN BUTYL ACETATE
SEE REVERSE SIDE

DISCLAIMER—SEE REVERSE SIDE
IMMEDIATE HEALTH HAZARD DATA
SKIN ABSORPTION: NO HAZARDS KNOWN TO BORDEN.
INGESTION: NOT EXPECTED TO BE HARMFUL UNDER NORMAL CONDITIONS OF USE.
IF ACCIDENTALLY SWALLOWED, BURNS OR IRRITATION TO MUCOUS MEMBRANES, ESOPHAGUS, OR GI TRACT CAN RESULT.
INHALATION: MAY BE HARMFUL IF INHALED. LIQUID OR VAPOR MAY CAUSE IRRITATION OF NOSE, THROAT AND LUNGS.
CAN CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION.
SKIN: CAUSES IRRITATION.
EYES: CAUSES IRRITATION.

HANDLING PRECAUTIONS
INHALATION: AVOID Breathing Vapor or Mist.
USE WITH ADEQUATE VENTILATION.
SKIN: AVOID CONTACT WITH SKIN.
EYES: AVOID CONTACT WITH EYES.
HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFETY PRACTICES. THESE PRACTICES INCLUDE AVOIDING USELESS EXPOSURE AND REMOVAL OF THE MATERIAL FROM EYES, SKIN, AND CLOTHING.
WASH THOROUGHLY AFTER HANDLING.

EMERGENCY AND FIRST AID PROCEDURES
INGESTION: IF ACCIDENTALLY SWALLOWED, DILUTE BY DRINKING LARGE QUANTITIES OF WATER. IMMEDIATELY CONTACT POISON CONTROL CENTER OR HOSPITAL EMERGENCY ROOM FOR ANY OTHER ADDITIONAL TREATMENT DIRECTIONS.
INHALATION: IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. PREFERABLY MOUTH-TO-MOUTH.
SKIN CONTACT: FLUSH SKIN WITH PLENTY OF WATER.
REMOVE CONTAMINATED CLOTHING. CALL A PHYSICIAN IF IRRITATION PERSISTS.
EYE CONTACT: IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. EYE LIDS SHOULD BE HELD APART DURING IRRIGATION TO INSURE WATER CONTACT WITH ENTIRE SURFACE OF EYES AND LIDS. CALL A PHYSICIAN.

FIRE AND EXPLOSION HAZARD DATA
EXTREMELY FLAMMABLE.
DO NOT INCINERATE (BURN) CONTAINER.
AVOID HEAT. KEEP CONTAINER BELOW 120 F. HIGH TEMPERATURES MAY CAUSE BURSTING. DO NOT PLACE CONTAINER ON RADIATOR, STOVE, IN DIRECT SUNLIGHT OR NEAR OTHER HEAT SOURCES. DO NOT PUNCTURE CONTAINER. CONTENTS UNDER PRESSURE WILL DISCHARGE. AVOID OPEN FLAMES, SPARKS, PILOT LIGHTS. DO NOT SMOKE. VAPOR MAY IGNITE EXPLOSIively. SPRAY MIST OR VAPOR EVAPORATING FROM A DEPOSITED FILM IS HEAVIER THAN AIR AND MAY SETTLE IN LOW PLACES OR TRAVEL OUTWARD TO A SOURCE OF IGGITION AND FLASHBACK.
IN CASE OF FIRE, USE DRY CHEMICAL, FOAM OR CO2. WATER MAY BE INEFFECTIVE, BUT SHOULD BE USED TO KEEP FIRE-EXPOSED CONTAINERS COOL.

REACTIVITY DATA
NORMALY STABLE AS DEFINED IN NFPA 704-12 (4-3-1).
HAZARDOUS POLYMORIZATION: WILL NOT OCCUR.
DECOMPOSITION PRODUCTS MAY INCLUDE: OXIDES OF CARBON.

CONTROL MEASURES
IF AIRBORNE CONTAMINANTS ARE GENERATED WHEN THE MATERIAL IS HEATED OR HANDLED, SUFFICIENT VENTILATION IN VOLUME AND AIR FLOW PATTERNS SHOULD BE PROVIDED TO KEEP AIR CONTAMINANT CONCENTRATION LEVELS BELOW ACCEPTABLE CRITERIA.
ENGINEERING CONTROLS: THE FOLLOWING EXPOSURE CONTROL TECHNIQUES MAY BE USED TO EFFECTIVELY MINIMIZE EMPLOYEE EXPOSURE: LOCAL EXHAUST VENTILATION, ENCLOSED SYSTEM DESIGN, PROCESS ISOLATION AND REMOTE CONTROL IN COMBINATION WITH APPROPRIATE USE OF PERSONAL PROTECTIVE EQUIPMENT AND PRUDENT WORK PRACTICES. THESE TECHNIQUES MAY NOT NECESSARILY ADDRESS ALL ISSUES PERTAINING TO YOUR OPERATIONS. WE, THEREFORE, RECOMMEND THAT YOU CONSULT WITH EXPERTS OF YOUR CHOICE TO DETERMINE WHETHER OR NOT YOUR PROGRAMS ARE ADEQUATE.

PERSONAL PROTECTION INFORMATION
WHERE AIR CONTAMINANTS CAN EXCEED ACCEPTABLE CRITERIA, USE NIOSH/MSHA APPROVED RESPIRATORY PROTECTION EQUIPMENT. RESPIRATORS SHOULD BE SELECTED BASED ON THE FORM AND CONCENTRATION OF CONTAMINANTS IN AIR IN ACCORDANCE WITH OSHA 29 CFR 1910.134 OR OTHER APPLICABLE STANDARDS OR GUIDELINES.
USE GOGGLES IF CONTACT IS LIKELY.
WEAR IMPERVIOUS GLOVES AS REQUIRED TO PREVENT SKIN CONTACT.

SPILL OR LEAK PROCEDURES
ELIMINATE ALL IGNITION SOURCES.
SOAK UP WITH ABSORBENT MATERIAL AND REMOVE TO A CHEMICAL DISPOSAL AREA.
PREVENT ENTRY INTO NATURAL BODIES OF WATER.

WASTE DISPOSAL
DISPOSE OF ACCORDING TO LOCAL, STATE/PROVINCIAL, AND FEDERAL REQUIREMENTS.
EMPTY CONTAINER: MAY CONTAIN EXPLOSIVE VAPORS. DO NOT CUT, PUNCTURE OR WELD ON OR NEARBY.
INCINERATION WILL CAUSE CONTAINER TO BURST VIOLENTLY.

STORAGE PRECAUTIONS
DO NOT STORE AT TEMPERATURES ABOVE 120 F.

DOT CLASSIFICATION
UN14 Consumer Commodity.

SARA TITLE III SECTION 313
AND 40 CFR PART 372
TOXIC CHEMICAL NOTIFICATION SHEET

KRYLON INT/EXT ENAMEL

CAS REGISTRY NUMBER
67-64-1 ACETONE 36.71
71-36-3 N-BUTYL ALCOHOL 1.00
78-93-3 METHYL ETHYL KETONE 0.34
108-10-1 METHYL ISOBUTYL KETONE 1.00
108-65-6 2-PROPANOL, 1-METHOXY-, ACETATE 7.51
108-88-3 TOluene 2.85
1330-20-7 XYLENE (MIXED ISOMERS) 10.66

THIS TOXIC CHEMICAL NOTIFICATION SHEET MUST NOT BE DETACHED FROM THE MATERIAL SAFETY DATA SHEET (MSDS) ANY COPYING AND REDISTRIBUTION OF THE MSDS SHALL INCLUDE COPYING AND REDISTRIBUTION OF THIS NOTIFICATION SHEET ATTACHED TO COPIES OF THE MSDS SUBSEQUENTLY REDISTRIBUTED.

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