



MATERIAL SAFETY DATA SHEET

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001020

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 UPSIDE DOWN SPRAY PAINT**
PRODUCT TYPE: **AEROSOL SPARY PAINT**
APPLICATION: **MARKING PAINT — FLUORESCENT COLORS — 7150 RED ORANGE, 7151 ORANGE, 7152 RED, 7153 GREEN, 7154 YELLOW**

19-Jan-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=0(LEAST)
CHRONIC=*

SOLUBILITY IN WATER SLIGHT
SPECIFIC GRAVITY LIGHTER THAN WATER
EVAP RATE FASTER THAN BUTYL ACETATE
PERCENT VOLATILE BY WEIGHT 69
PERCENT NON-VOLATILE BY WEIGHT 31
PRESSURE IN CONTAINER, PSIG @ 70 F. APPROX. 60
BOILING RANGE, DEGREES F. N.A.
FLASH POINT — DEGREES F. N.A.
16CFR1500.3(C) (6) EXTREMELY FLAMMABLE
SEE CUSTOMER INFORMATION

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.

74-98-6 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 (1800 MG/M3) TWA

108-88-3 *TOLUENE 10-30

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 (560 MG/M3) STEL
OSHA PEL: 200 PPM TWA; 300 PPM CEILING; 500 PPM 10-MIN. PEAK
NIOSH DOCUMENT NUMBER: 73-11023

110-54-3 *HEXANE 10-30

CHRONIC EXPOSURES MAY CAUSE PERIPHERAL NEUROPATHY. CAN CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION. SIGNS AND SYMPTOMS MAY INCLUDE HEADACHE, DIZZINESS, NAUSEA, VOMITING AND DROWSINESS.
—SEE FOOTNOTE C.
ACGIH TLV: 50 PPM (180 MG/M3) TWA
OSHA PEL: 500 PPM (1800 MG/M3) TWA
NIOSH DOCUMENT NUMBER: 77-151

64742-89-8 LIGHT ALIPHATIC SOLVENT NAPHTHA (PETROLEUM) 10-30

CAN CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION. SIGNS AND SYMPTOMS MAY INCLUDE HEADACHE, DIZZINESS, NAUSEA, VOMITING, UNCONSCIOUSNESS AND EVEN ASPHYXIATION.
—SEE FOOTNOTE C.
ACGIH TLV: NONE ESTABLISHED
OSHA PEL: NONE ESTABLISHED

FOOTNOTE C: AS OF THE DATE OF ISSUANCE 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

IMMEDIATE HEALTH HAZARD DATA

SKIN ABSORPTION: NO HAZARDS KNOWN TO BORDEN.
INGESTION: NOT EXPECTED TO BE HARMFUL UNDER NORMAL CONDITIONS OF USE.
IF ACCIDENTLY 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 UNNECESSARY EXPOSURE AND REMOVAL OF THE MATERIAL FROM EYES, SKIN AND CLOTHING.
WASH THOROUGHLY AFTER HANDLING.

EMERGENCY AND FIRST AID PROCEDURES

INGESTION: IF ACCIDENTLY 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. EYELIDS 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 EXPLOSIVELY. 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 IGNITION AND FLASHBACK.

SEE REVERSE SIDE

DISCLAIMER—SEE REVERSE SIDE

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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

NORMALLY STABLE AS DEFINED IN NFPA 704-12 (4-3.1).
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.
INCOMPATIBILITIES: OXIDIZERS, ACIDS OR BASES.
OTHER HAZARDS: NONE KNOWN TO BORDEN.
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.
KEEP AWAY FROM HEAT, SPARKS, FLAME AND OTHER IGNITION SOURCES.

DOT CLASSIFICATION

ORM-D CONSUMER COMMODITY.

CUSTOMER INFORMATION

20 F OR LOWER WHEN TESTED BY THE METHOD DESCRIBED IN 16 CFR 1500.46 OF THE REGULATIONS UNDER FHSA AND FLASHBACK IS OBTAINED AT ANY DEGREE OF VALVE OPENING WHEN TESTED BY METHOD PRESCRIBED IN 16 CFR 1500.45 OF THE REGULATIONS UNDER FHSA.

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DISCLAIMER

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