



# MATERIAL SAFETY DATA SHEET

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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

NAME: **KRYLON FLUORESCENT SPRAY PAINT**  
TYPE: **SPRAY PAINT "AEROSOL"**  
APPLICATION: **ITEM NOS.: 3101, 3102, 3103, 3104, 3105, 3106, 3107**

30-Jun-86

## 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=\*

## 29CFR1910.1200 HAZARDOUS INGREDIENTS/REPORTED HEALTH EFFECTS

CAS REGISTRY NO. MATERIAL DESCRIPTION % BY WT.

**74-98-6 PROPANE** 12.0

THIS MATERIAL IS A SIMPLE ASPHYXIAN. SIGNS AND SYMPTOMS  
OF OVEREXPOSURE INCLUDE CYANOSIS, RESPIRATORY DISTRESS,  
HEADACHE, DIZZINESS, DROWSINESS, UNCONSCIOUSNESS AND  
ASPHYXIATION.

CAN CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION.

ACGIH TLV: SIMPLE ASPHYXIAN-SEE ACGIH TLVS, APPENDIX E

OSHA PEL: 1000 PPM (1800 MG/M3) TWA

**75-28-5 ISOBUTANE** 16.0

**108-88-3 TOLUENE** 12.0

OVEREXPOSURE MAY CAUSE LIVER DAMAGE.

OVEREXPOSURE MAY 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 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.

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** 18.0

CHRONIC EXPOSURES HAVE CAUSED PERIPHERAL NEUROPATHY.

CAN CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION. SIGNS AND  
SYMPTOMS MAY INCLUDE HEADACHE, DIZZINESS, NAUSEA,  
VOMITING, AND DROWSINESS.

ACGIH TLV: 50 PPM (180 MG/M3) TWA

OSHA PEL: 500 PPM (1800 MG/M3) TWA

NIOSH DOCUMENT NUMBER: 77-151

**142-82-5 HEPTANE** 17.0

CAN CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION. SIGNS  
AND SYMPTOMS MAY INCLUDE HEADACHE, DIZZINESS, NAUSEA,  
VOMITING, UNCONSCIOUSNESS AND EVEN ASPHYXIATION.

ACGIH TLV: 400 PPM, 8-HR TWA

OSHA PEL: 500 PPM, 8-HR TWA

NIOSH DOCUMENT NUMBER: 77-151

**8032-32-4 V.M.&P. NAPHTHA** 8.0

CAN CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION. SIGNS AND  
SYMPTOMS MAY INCLUDE HEADACHE, DIZZINESS, NAUSEA,  
VOMITING, UNCONSCIOUSNESS AND EVEN ASPHYXIATION.

ACGIH TLV: 300 PPM (1350 MG/M3) TWA; 400 PPM (1800 MG/M3)

STEL

NIOSH DOCUMENT NUMBER: 77-192

## 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  
BOILING POINT; APPEARANCE; ODOR -- N.A.  
PERCENT VOLATILE BY WEIGHT 83  
PERCENT NON-VOLATILE BY WEIGHT 17  
PRESSURE IN CONTAINER, PSIG @ 70 F. APPROX. 50

## ACUTE HEALTH HAZARD DATA

SKIN ABSORPTION: NO HAZARDS KNOWN TO BORDEN.

INGESTION: MAY BE HARMFUL IF SWALLOWED.

INHALATION: MAY BE HARMFUL IF INHALED. LIQUID OR  
VAPOR CAN CAUSE IRRITATION OF NOSE, THROAT AND LUNGS.

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 SWALLOWED, DO NOT INDUCE VOMITING.

CALL A PHYSICIAN IMMEDIATELY.

INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE  
ARTIFICIAL RESPIRATION, PREFERABLY MOUTH-TO-MOUTH. IF  
BREATHING IS DIFFICULT, GIVE OXYGEN. CALL A PHYSICIAN.

SKIN CONTACT: FLUSH SKIN WITH WATER.

IF IRRITATION PERSISTS, CALL A PHYSICIAN.

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.

CONTENTS UNDER PRESSURE; EXPOSURE TO HIGH TEMPERATURE  
MAY CAUSE BURSTING. AVOID RADIATORS, STOVES, DIRECT  
SUNLIGHT, OR OTHER HEAT SOURCE. DO NOT PUNCTURE OR  
INCINERATE CONTAINER. DO NOT SPRAY NEAR OPEN FLAME.

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).

MAJOR DECOMPOSITION PRODUCTS: CO, CO2.

HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

SEE REVERSE SIDE

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**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.

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**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.

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**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.

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**WASTE DISPOSAL METHOD**

DISPOSE OF ACCORDING TO LOCAL, STATE, 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.

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**STORAGE PRECAUTIONS**

DO NOT STORE AT TEMPERATURES OVER 120 F.

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**DOT CLASSIFICATION**

ORM-D CONSUMER COMMODITY

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NOR(M)

KD-3101B

06/30/86

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