



MATERIAL SAFETY DATA SHEET

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(OPERATION ALERT)

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: SPARVAR S-704 SILICONE SPRAY
TYPE: "AEROSOL" SILICONE SPRAY
APPLICATION:

04-Dec-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 % RANGE

74-98-6 PROPANE 5-15

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(S) C.

ACGIH TLV: SIMPLE ASPHYXIANT—SEE ACGIH TLVS, APPENDIX E
OSHA PEL: 1000 PPM (1800 MG/M3) TWA

75-28-5 ISOBUTANE 15-30

—SEE FOOTNOTE(S) C.

ACGIH TLV: NONE ESTABLISHED

OSHA PEL: NONE ESTABLISHED

110-54-3 HEXANE 30-50

CHRONIC EXPOSURES HAVE CAUSED PERIPHERAL NEUROPATHY.

CAN CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION. SIGNS AND

SYMPTOMS MAY INCLUDE HEADACHE, DIZZINESS, NAUSEA, VOMITING AND DROWSINESS.—SEE FOOTNOTE(S) C

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 30-50

CAN CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION, SIGNS AND

SYMPTOMS MAY INCLUDE HEADACHE, DIZZINESS, NAUSEA, VOMITING, UNCONSCIOUSNESS AND EVEN ASPHYXIATION.—SEE FOOTNOTE(S) C

ACGIH TLV: 400 PPM, 8-HR TWA

OSHA PEL: 500 PPM, 8-HR TWA

NIOSH DOCUMENT NUMBER: 77-151

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

SOLUBILITY IN WATER—SLIGHT

SPECIFIC GRAVITY LIGHTER THAN WATER

EVAP RATE FASTER THAN BUTYL ACETATE

BOILING POINT: APPEARANCE, DDOR—N.A.

PERCENT VOLATILE BY WEIGHT—93

PERCENT NON-VOLATILE BY WEIGHT—7

PRESSURE IN CONTAINER, PSIG @ 70°F.: 50

ACUTE HEALTH HAZARD DATA

SKIN ABSORPTION: NO HAZARDS KNOWN TO BORDEN

INGESTION: NOT EXPECTED TO BE HARMFUL UNDER NORMAL CONDITIONS OF USE.

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 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: 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).

HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

MAJOR DECOMPOSITION PRODUCTS: 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
SEE REVERSE SIDE

DISCLAIMER—SEE REVERSE SIDE

NOR(M) KD-S704B 14-NOV-86

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 NECESSAR

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 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.

STORAGE PRECAUTIONS

DO NOT STORE AT TEMPERATURE OVER 120°F.

DOT CLASSIFICATION

ORM-D CONSUMER COMMODITY

NOR(M) KD-S704B 14-NOV-86

DISCLAIMER

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