

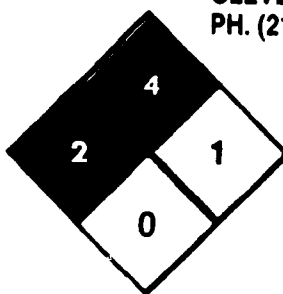
VINYL CHLORIDE

D.O.T. NAME: VINYL CHLORIDE
FLAMMABLE GAS, UN1086

SYNONYMS: VCM, VCL, CHLOROETHYLENE
CHLOROETHENE

DANGER
EXTREMELY FLAMMABLE
GAS UNDER PRESSURE
CANCER CAUSING AGENT

PRECAUTIONARY LABEL
THE B.F. GOODRICH COMPANY
GEON VINYL DIVISION
6100 OAKTREE BLVD.
CLEVELAND, OH 44131
PH. (216) 447-6000



HEALTH HAZARD

HAZARDS

VAPOR—INHALATION MAY CAUSE ASPHYXIATION, PERSISTENT IRREGULAR HEARTBEAT, NARCOSIS, NAUSEA, OR DIZZINESS. LONG TERM EXPOSURE MAY CAUSE CANCER.

LIQUID—EYE OR SKIN CONTACT MAY CAUSE FREEZE BURNS.

PERMISSIBLE EXPOSURE LIMITS
(OSHA 29CFR1910.1017) (1) (5)

RESPONSES

MOVE TO FRESH AIR—IF BREATHING HAS STOPPED, ARTIFICIAL RESPIRATION—IF BREATHING IS DIFFICULT, GIVE OXYGEN. SEE PHYSICIAN IMMEDIATELY.

FLUSH AFFECTED AREA WITH PLENTY OF WATER. MINIMUM OF 5 MINUTES—ON SKIN WASH WITH SOAP AND WATER. SEE PHYSICIAN IMMEDIATELY.

8 HR. TWA: 1.0 PPM
15 MIN. TWA: 5.0 PPM

FLAMMABILITY HAZARD

HAZARDS

FLAMMABLE—CONTAINERS MAY EXPLODE IN FIRE—VAPORS HEAVIER THAN AIR—MAY FLASH BACK ALONG VAPOR TRAIL—VAPOR CLOUDS MAY EXPLODE.

RESPONSES

SMALL FIRES USE CO₂ OR ABC DRY POWDER—STOP FLOW OF GAS—DO NOT EXTINGUISH FLAME IF FLOW CANNOT BE STOPPED—USE WATER TO COOL EQUIPMENT. INTACT IN FIRE AREA—LARGE FIRES LET IT BURN. STAY UPWIND.

REACTIVITY HAZARD

HAZARDS

EXPOSURE TO AIR, SUNLIGHT, COPPER, ALKALI METALS MAY FORM PEROXIDES WHICH MAY CAUSE POLYMERIZATION, HEAT GENERATION, AND PRESSURE BUILD UP IN VESSELS.

STABILITY

RESPONSES

AVOID CONTACT WITH AIR, OXYGEN, AND PERFORMING MATERIAL—KEEP CONTAINERS COOL USING WATER SPRAY.

THERMALLY STABLE

PERSONAL PROTECTION

HAZARDS

FOR CONCENTRATIONS UNKNOWN OR ABOVE 3600 PPM
FOR CONCENTRATIONS UP TO 1000 PPM

RESPONSES

USE SELF-CONTAINED BREATHING APPARATUS—PRESSURE DEMAND TYPE C
CONTINUOUS AIRFLOW TYPE WITH FULL OR HALF FACE PIECE

SPILL OR LEAK

HAZARDS

WILL FORM VAPOR CLOUD—LIQUID WILL BOIL ON WATER & FORM VISIBLE VAPOR CLOUD

APPEARANCE—

LIQUIFIED COMPRESSED GAS, COLORLESS, MILD SWEET ODOR.

RESPONSES

SHUT OFF ALL IGNITION SOURCES—STAY UPWIND. USE WATER SPRAY TO KNOCK DOWN VAPOR. EVACUATE DOWNWIND TO PREVENT EXPOSURE. LOW CONCENTRATIONS.

ONLY TRAINED PERSONNEL WITH PROPER PROTECTION SHOULD PERFORM THIS WORK.

PHYSICAL DATA

SPECIFIC GRAVITY LIQUID .93
SPECIFIC GRAVITY VAPOR 2.15

BOILING POINT +7°F
SOLUBILITY IN WATER SLIGHT

FOR ADDITIONAL ASSISTANCE—CALL CHEMTREC
1-800-424-9300
FOR SPILLS CALL NATIONAL RESPONSE
CENTER 1-800-424-8802

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