

VULCAN MATERIALS CO,CHEM.DIV. -- SOLVENT III -- 6850-00-585-6426

===== Product Identification =====

Product ID:SOLVENT III

MSDS Date:01/01/1985

FSC:6850

NIIN:00-585-6426

MSDS Number: BFGSH

=== Responsible Party ===

Company Name:VULCAN MATERIALS CO,CHEM.DIV.

Address:NO 1 METROPLEX DR

Box:7689

City:BIRMINGHAM

State:AL

ZIP:35253

Country:US

CAGE:1B637

=== Contractor Identification ===

Company Name:VULCAN MATERIALS CO

Address:NO 1 METROPLEX DR

Box:530390

City:BIRMI

NGHAM

State:AL

ZIP:35253

Country:US

Phone:316-524-5751

CAGE:1B637

===== Composition/Information on Ingredients =====

Ingred Name:METHYL CHLOROFORM (1,1,1-TRICHLOROETHANE) (SARA III)

CAS:71-55-6

RTECS #:KJ2975000

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:350 PPM

ACGIH TLV:350 PPM/450STEL;9394

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ozone Depleting Chemical:1

===== Hazards Identification =====

Effects of Overexposure:

VOMIT;NAUS,DROWS;HIGH CONCENTRATIONS CAN CAUSE
ASPHYXIATION,EVEN DEATH.

===== First Aid Measures =====

First Aid:INHALE:REMOVE TO FRESH AIR. GIVE CPR/OXYGEN IF NEED.KEEP WARM
AND QUIET.CALL DR.EYE CONTACT:FLUSH W/WATER.DO NOT GIVE STIMULANTS
OF ANY KIND.

===== Fire Fighting Measures =====

Extinguishing Media:PRESENC IN FIRE DOES NOT HINDER USE OF ANY STANDARD
MEDIUM

Fire Fighting Procedures:USE SELF-CNTND
BRTHG APP.KEEP CONTAIN COOL
WITH WATER

Unusual Fire/Explosion Hazard:VAPORS CAN BE IGNITED BY HIGH ENERGY
SOURCES.DECOMPOSES IN FIRE/ON HOT SURFACE TO ACIDIC GAS TOX:CPD

===== Accidental Release Measures =====

Spill Release Procedures:EVACUATE THE AREA,VENTILATE;CLEAN UP AREA(WEAR
PROTECTIVE CLOTHING),CONTAIN SPILL.TRANSFER BY MOPPING OR WITH
ABSORBENT MATERIAL TO STORAGE CONTAINER.

===== Handling and Storage =====

=

Handling and Storage Precautions:AVOID CONTACT WITH SKIN AND AVOID
VAPORS.PIPE VENTS OUTDOORS.STORE IN COOL,DRY WELL-VENTILATED
AREA.NO SMOKING IN PRESENCE OF VAPORS.

Other Precautions:HALOCARBONS IN CONFINED SPACES REQUIRE
WELL-VENTILATED DRAFT AS THEY VAPORIZE READILY AND DEplete OXYGEN
WHICH IS NECESSARY FOR BREATHING.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NONE REQUIRED WHEN ADEQUATE VENTILATION IS USED
Ventilation:LOCA

L EXHAUST SUFFICIENT TO MAINTAIN EXPOSURE BELOW TLV.

Protective Gloves:NEOPREN,VITON

Eye Protection:CHEM SAFETY GOGGLES

Other Protective Equipment:PVC COATED GLOVES,PROTECT HEAT GEAR,APRON IF
SPLASHING.

Supplemental Safety and Health
SYNONYM:METHYL CHLOROFORM.

===== Physical/Chemical Properties =====

HCC:T4

Boiling Pt:B.P. Text:162-190F

Vapor Pres:100

Vapor Density:4.6

Spec Gravity:1.3

Evaporation Rate & Reference:0.4(ETHER=1)

Solubility in Water:MODERATE

Ap

pearance and Odor:COLORLESS CLEAR LIQUID,MILDLY SWEET.
Percent Volatiles by Volume:100

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS

Stability Condition to Avoid:OPEN FLAME,HOT SURFACES WELDING ARC

EMISSIONS

Hazardous Decomposition Products:HYDROGEN CHLORIDE,PHOSGENE AND OTHER
HIGHLY TOXIC SUBSTANCES

===== Disposal Considerations =====

Waste Disposal Methods:CONSULT MANUFACTURER OR LOCAL POLLUTION CONTROL

AGENCY.DISPOSE OF IN ACCORDANCE WITH FEDERAL,STATE AND LOCAL REGS.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and

assume responsibility for the suitability of this information to their particular situation.