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## **VS-200 VALVE SEAT MARKER**

### **MSDS Number**

BBFHG

### **National Stock Number**

5130-00D001520

### **Product Name**

VS-200 VALVE SEAT MARKER

### **Manufacturer**

SUNNEN PRODUCTS COMPANY

### **Product Identification**

Product ID:VS-200 VALVE SEAT MARKER

MSDS Date:08/15/1987

FSC:5130

NIIN:00D001520

MSDS Number: BBFHG

### **Responsible Party**

SUNNEN PRODUCTS COMPANY

7910 MANCHESTER AVE.

ST. LOUIS , MO 63143-2712

US

Emergency Phone: (314)781-2105

Preparer: TERRY HELLER,MGR MTLs R&D

Cage: 58436

### **Contractor**

SUNNEN PRODUCTS CO

SAINT LOUIS, MO 63143-2712

US

314-781-2100

Cage: 58436

### **Ingredients**

DYES (METHYL VIOLET)

CAS: 8004-87-3

Fraction By Weight: 1%

N-BUTYL ACETATE (SARA III)

CAS: 123-86-4

RTECS: AF7350000

Fraction By Weight: 33%

OSHA PEL150 PPM/200 STEL

ACGIH TLV: 150 PPM/200STEL;9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS



ETHYL ALCOHOL (ETHANOL)

CAS: 64-17-5

RTECS: KQ6300000

Fraction By Weight: 57%

OSHA PEL1000 PPM

ACGIH TLV: 1000 PPM; 9192

N-BUTYL ALCOHOL (SARA III)

CAS: 71-36-3

RTECS: EO1400000

Fraction By Weight: 4%

OSHA PEL100 PPM

ACGIH TLV: S, C 50 PPM; 9293

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

NET NITROCELLULOSE

CAS: 90046-76-3

RTECS: QW0975100

Fraction By Weight: 5%

## Hazards

Routes of Entry: Inhalation: YES Skin: YES Ingestion: YES

Health Hazards Acute and

Chronic: ACUTE: EYE: IRRITATION, INFLAMMATION; SKIN: IRRITATION, DERMATITIS, DRYING, CRACKING, INCREASED SUSCEPTIBILITY TO INFECTION; INHALATION: IRRITATION OF UPPER RESPIRATORY SYSTEM, HEADACHE, DROWSINESS, DRUNKENNESS, TREMORS, FATIGUE, AFFECTS CENTRAL NERVOUS SYSTEM, LUNGS, THORAX & BREATHING; INGESTION: SEE SUPPLEMENTAL SAFETY & HEALTH DATA.

Explanation of Carcinogenicity: MANUFACTURER STATES ALL INGREDIENTS ARE NON-CARCINOGENICS.

Effects of Overexposure: SEE HEALTH HAZARDS.

Medical Condition Aggravated by Exposure: ANY CONDITION AFFECTING SAME ORGANS AS THOSE AFFECTED BY OVEREXPOSURE.

## First Aid

First Aid: EYE: FLUSH WITH PLENTY WATER. SEEK MEDICAL ATTENTION; SKIN: WASH WITH SOAP & WATER; INHALATION: REMOVE TO FRESH AIR. GIVE CPR/O<sub>2</sub>. SEEK MEDICAL ATTENTION; INGESTION: SEEK MEDICAL ATTENTION.

## Fire Fighting

Flash Point Method: TOC

Flash Point: 61F, 16C

Lower Limits: 1.4

Upper Limits: 11.2

Extinguishing Media: FOAM, CO<sub>2</sub>, DRY CHEMICAL

Fire Fighting Procedures: WEAR SCBA. WATER MAY BE USED TO COOL FIRE EXPOSED CONTAINERS.

Unusual Fire/Explosion Hazard: VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL ALONG GROUND, OR MAY BE MOVED BY VENTILATION & IGNITED BY SPARKS, FLAMES OR OTHER IGNITION SOURCES.

## Accidental Release

Spill Release Procedures: VENTILATE AREA. WEAR PERSONNEL PROTECTIVE



EQUIPMENT.REMOVE HEAT & IGNITION SOURCES.ABSORB IN WASTE MATERIAL THAT CAN BE BURNED.PLACE IN APPROPRIATE DISPOSAL CONTAINER

## Handling

Handling and Storage Precautions:STORE IN WELL VENTILATED AREAS AWAY FROM IGNITION SOURCES.DO NOT SMOKE WHEN FUMES ARE PRESENT.  
Other Precautions:AVOID INHALATION

## Exposure Controls

Respiratory Protection:WEAR NIOSH-APPROVED RESPIRATOR FOR ORGANIC VAPORS IF TLV IS EXCEEDED.  
Ventilation:PROVIDE POSITIVE MECHANICAL VENTILATION  
Protective Gloves:WEAR GLOVES IF SENSITIVE TO THIS PRODUCT  
Eye Protection:SAFETY GLASSES  
Other Protective Equipment:NONE NOTED  
Work Hygienic Practices:STANDARD HYGENIC PRACTICES  
Supplemental Safety and Health  
HEALTH HAZARDS,CONT\*D:DENATURANTS PRODUCE STRANGE SYMPTOMS BEYOND INTOXICATION.MAY ACT AS AN ADJUVANT INCREASING TOXICITY OF OTHER AGENTS. CHRONIC: INHALATION:KIDNEY & BLOOD CHANGES IN EXPERIMENTAL ANIMALS.AFFECTS THORAX,LUNGS & BREATHING.

## Chemical Properties

HCC:F3  
Boiling Pt:B.P. Text:160F,71C  
Vapor Pres:36  
Vapor Density:>1  
Spec Gravity:0.86  
Evaporation Rate & Reference:>1 (BU AC=1) FOR SOLVENT  
Solubility in Water:APPRECIABLE  
Appearance and Odor:INTENSE BLVE COLOR LIQUID.MILD ODOR  
Percent Volatiles by Volume:90

## Stability

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZERS SUCH AS CHLORINE  
Stability Condition to Avoid:HEAT,SPARKS,OPEN FLAMES  
Hazardous Decomposition Products:CO,CO\*2 FROM COMBUSTION

## Disposal

Waste Disposal Methods:INCINERATE,OR NORMAL DISPOSAL FOR FLAMMABLES,DISPOSE O IAW FEDERAL,STATE & LOCAL REGULATIONS.

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