

## **PIN PATCH 514, 3-29077**

### **MSDS Number**

BRRRH

### **National Stock Number**

8010-00N016206

### **Product Name**

PIN PATCH 514, 3-29077

### **Manufacturer**

DBA PRODUCTS CO INC

### **Product Identification**

Product ID: PIN PATCH 514, 3-29077

MSDS Date: 06/20/1988

FSC: 8010

NIIN: 00N016206

MSDS Number: BRRRH

### **Responsible Party**

DBA PRODUCTS CO INC

22 SKOKIE HIGHWAY

LAKE BLUFF , IL 60044

US

Emergency Phone: 312-234-8100

Info Phone: 312-234-8100

Cage: 60443

### **Contractor**

DBA PRODUCTS CO INC

LAKE BLUFF, IL 60044

US

(708) 234-8100

Cage: 60443

### **Ingredients**

22 @ 20C.

CAS: 108-88-3

RTECS: XS5250000

Fraction By Weight: 5-10%

OSHA PEL200 PPM/150 STEL

ACGIH TLV: 50 PPM; 9293

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

44 @ 20C.

CAS: 64-17-5

RTECS: KQ6300000

OSHA PEL1000 PPM

ACGIH TLV: 1000 PPM

CONCENTRATION BELOW APPLICABLE OSHA REQUIREMENT.

## Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE: INGEST: CAN CAUSE GI IRRIT, NAUS & VOMIT. ASPIR OF MATL INTO LUNG MAY CAUSE CHEM PNEUM WHICH CAN BE FATAL. INHAL:ANESTH, MAY CAUSE IRRIT OF NOSE, THROAT & ACUTE CNS DEPRESS. CHARACT BY HDCH, DI ZZ, CONFUSN, & NAUS. EYE:MAY CAUSE SEVERE EYE IRRIT. SKIN:MAY CAUSE DEFATTING & IRRIT OF SKIN. CHRONIC:(EFTS OF OVEREXP)  
Explanation of Carcinogenicity:NOT RELEVANT.  
Effects of Overexposure:REPORTS HAVE ASSOC PRLNG/RPTD OCCUP OVEREXP TO SOLV W/PERM BRAIN & CNS DMG. INTENTIONAL MISUSE BY DELIB CONC & INHAL CONTENTS MAY BE HARMFUL/FATAL. TOLUENE (108-88-3) APPEARS ON NAVY LISTING OF OCCUP CHEM REPRO HAZS. SEEK CONSULT FROM APPROP HLTH PROFESSIONALS CONCERNING LATEST HAZ LIST INFO & SAFE HNDLG (SUPP DATA)  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

## First Aid

First Aid:INGEST:CALL POISON CONTROL CENTER, HOSP EMER ROOM/MD IMMED. INHAL:REMOVE TO FRESH AIR IMMED. IF BRTHG HAS STOPPED, GIVE ARTF RESP. KEEP WARM & QUIET. GET MED ATTN IMMED. EYES:FLUSH W/LGE AMT OF WATER, LIFTING UPPER & LOWER LIDS OCCASIONALLY. CONTINUE FOR AT LEAST 15 MINS. GET MED ATTN. SKIN:REMOVE CONTAMD CLTHG. WASH AFFECTED AREA W/SOAP & WATER. OBTAIN MED ATTN IF IRRIT PERSISTS. (SUPP DATA)

## Fire Fighting

Flash Point Method:TCC  
Flash Point:45.0F,7.2C  
Extinguishing Media:USE NFPA CLASS B FIRE EXTING (CARBON DIOXIDE, ALL PURPOSE DRY CHEM/ALCOHOL FOAM) DESIGNED TO EXTING FLAMM (SUPP DATA)  
Fire Fighting Procedures:WEAR NIOSH/MSHA APPRVD SCBA & FULL PROT EQUIP. WATER MAY BE INEFTIVE, BUT AY BE USED TO COOL EXPOS CNTNRS TO PVNT PRESS BUILD-UP & POSS (SUPP DATA)  
Unusual Fire/Explosion Hazard:DURING EMER CNDTNS, OVEREXP TO DECOMP PROD MAY CAUSE A HLTH HAZ. SYMPS MAY NOT BE IMMEDIATELY APPARENT. OBTAIN MEDICAL ATTENTION.

## Accidental Release

Spill Release Procedures:REMOVE SOURCES OF IGNITION AND PROVIDE VENTILATION. LARGE SPILL MAY BE SCOOPED UP W/NON-SPARKING TOOLS. SMALL QTY MAY BE PICKED UP W/ABSORB MATL.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

## Handling

Handling and Storage Precautions:STORE AWAY FROM HEAT, SPARKS, AND OPEN FLAME.  
Other Precautions:AVOID PRLNGD SKIN CONTACT. DO NOT BREATHE SPRAY MIST. KEEP AWAY FROM CHILDRENS REACH. GROUND CNTNR WHILE POURING & LIMIT FREE FALL TO FEW INCHES TO PVNT STATIC SPARKS. DO NOT CUT, PUNCTURE OR WELD ON OR NEAR THE CNTNR.

## Exposure Controls

Respiratory Protection:IN RESTRICTED AREAS, USE NIOSH/MSHA APPRVD CHEMICAL MECHANICAL FILTER TO REMOVE GAS & VAPORS. IN CONFINED AREA, USE NIOSH/MSHA APPROVED SCBA RESPIRATORS OR HOODS.  
Ventilation:LOC EXHST IS PREF, HOWEVER, GENL MECH IS ACCEPTABLE. SUFF VENT IN VOL & PATTERN SHLD BE PROVIDED TO KEEP VAPS (ING 3)  
Protective Gloves:CHEM RESISTANT PLASTIC/RUBBER GLOVES.

Eye Protection:CHEMICAL WORKERS GOGGLES .  
Other Protective Equipment:AS REQUIRED TO AVOID WETTING CLOTHING, EYE BATH AND SAFETY SHOWER.  
Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.  
Supplemental Safety and Health  
EXTING MEDIA:LIQ FIRES. POLYMER FOAM IS PREF FOR LGE FIRES. FIRE FIGHT PROC:AUTO-IGNIT/EXPLO WHEN EXPOS TO EXTREME HEAT. IF WATER IS USED, FOG NOZZ ARE PREF. EFTS OF OVEREXP:& EXPO RECOM. FIRST AID  
PROC:NOTE TO MD:ANY TREATMENT THAT MIGHT BE REQD FOR OVEREXP SHLD BE DIRECTED AT CONTROL OF SYMPS & CLINICAL CNDTNS.

## Chemical Properties

HCC:F3  
Boiling Pt:B.P. Text:178F,81C  
Vapor Pres:SEE INGS  
Vapor Density:HVR/AIR  
Spec Gravity:0.906  
Evaporation Rate & Reference:SLOWER THAN ETHER  
Appearance and Odor:NONE SPECIFIED BY MANUFACTURER.  
Percent Volatiles by Volume:79.94

## Stability

Stability Indicator/Materials to Avoid:YES  
STRONG ACIDS OR ALKALINE MATERIAL.  
Stability Condition to Avoid:EXCESSIVE HEAT, SPARKS, OPEN FLAME AND SOURCES OF IGNITION.  
Hazardous Decomposition Products:WHEN HEATED PRODUCE SMOKE, CARBON MONOXIDE & CARBON DIOXIDE, IN ADDITION, OXIDES OF NITROGEN.

## Disposal

Waste Disposal Methods:DISPOSE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

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