

## **51000 NON-FLAM PERMAGRIP**

### **MSDS Number**

BBGXC

### **National Stock Number**

8040-00F000558

### **Product Name**

51000 NON-FLAM PERMAGRIP

### **Manufacturer**

TECH PRODUCTS CORP

### **Product Identification**

Product ID:51000 NON-FLAM PERMAGRIP

MSDS Date:11/10/1986

FSC:8040

NIIN:00F000558

MSDS Number: BBGXC

### **Responsible Party**

TECH PRODUCTS CORPORATION

5030 LINDEN AVE.

DAYTON , OH 45432

Emergency Phone: (513) 252-3661

Info Phone: (513) 252-3661

Preparer: DAVE KROWIALIS

Cage: 5P059

### **Contractor**

TECH PRODUCTS CORPORATION

DAYTON, OH 45432

(513) 252-3661

Cage: 5P059

### **Ingredients**

METHYL CHLOROFORM (1,1,1-TRICHLOROETHANE) (SARA III)

CAS: 71-55-6

RTECS: KJ2975000

OSHA PEL350 PPM/450 STEL

ACGIH TLV: 350 PPM/450STEL;9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

CHLORINATED PETROLEUM SOLVENT

### **Hazards**

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

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYES: IRRITATION, REDNESS, TINGING,  
BLURRED VISION. SKIN: PROLONGED/REPEATED CONTACT CAN CAUSE  
IRRITATION, DEFATTING/DERMATITIS. INHALATION: NASAL/RESPIRATORY  
IRRITATION, DIZZINESS, FATIGUE, NAUSEA, HE ADACHE, UNCONSCIOUSNESS,

ASPHYXIATION/MYCARDIAL IRRITABILITY. INGESTION: GASTROINTESTINAL IRRITATION/VOMITING/DIARRHEA.  
Explanation of Carcinogenicity:NONE  
Effects of Overexposure:INGESTION: ASPIRATION OF MATERIAL INTO THE LUNGS CAN CAUSE CHEMICAL PNEUMONITUS WHICH CAN BE FATAL. SKIN: PROLONGED/REPEATED CONTACT CAN CAUSE IRRITATION/DEFATTING/DERMATITIS. OVEREXPOSURE TO SOME COMPONENTS OF THIS MATERIAL HAS APPARENTLY FOUND TO THE FOLLOWING EFFECTS LIVER ABNORMALITIES, KIDNEY & LUNG DAMAGE.

## First Aid

First Aid:EYES: FLUSH W/LARGE AMTS OF WATER. GET MED ATT. SKIN: WASH THOROUGHLY EXPOSED AREA W/SOAP & WATER. REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. INHALATION: REMOVE INDIVIDUAL TO FRESH AIR. DON'T GIVE STIMULANTS. EPINEPHRINE MAY ADVERSELY AFFECT THE HEART W/FATAL RESULTS. INGESTION: DON'T INDUCE VOMITING. KEEP PERSON WARM, QUIET, & GET MED ATTN.

## Fire Fighting

Lower Limits:7.0%  
Upper Limits:15.0%  
Extinguishing Media:USE FOAM, DRY CHEMICAL, CO<sub>2</sub>, WATER FOG  
Fire Fighting Procedures:WEAR SCBA WHEN FIGHTING FIRES. KEEP ADJACENT CONTAINERS COOL. AVOID SPREADING BURNING LIQUID/WATER USED FOR COOLING PURPOSES.  
Unusual Fire/Explosion Hazard:NONE-HIGH INTENSITY IGNITION SOURCES MAY IGNITE CONCENTRATED VAPORS. PRODUCT (EVEN JUST RESIDUE) CAN IGNITE EXPLOSIVELY.

## Accidental Release

Spill Release Procedures:SMALL SPILLS: ABSORB LIQUID ON PAPER, VERMICULITE, FLOOR ABSORBANT OR OTHER MATERIAL/TRANSFER TO HOOD. LARGE SPILLS: ELIMINATE ALL IGNITION SOURCES. STOP SPILL AT SOURCE, DIKE AREA OF SPILL TO PREVENT SPREADING, PUMP LIQUID TO SALVAGE CONTAINERS.

## Handling

Handling and Storage Precautions:AVOID CONTACT W/SKIN. KEEP CONTAINERS COOL/DRY. KEEP CONTAINERS CLOSED WHEN NOT IN USE. CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTIED.  
Other Precautions:WHEN OPENING CONTAINERS, REMOVE TOP SLOWLY TO RELIEVE ANY PRESSURE BUILD-UP. SINCE EMPTIED CONTAINERS RETAIN RESIDUES (VAPORS, LIQUIDS, & SOLIDS).

## Exposure Controls

Respiratory Protection:IF TLV IS EXCEEDED, NIOSH APPROVED RESPIRATOR IS ADVISED. ENGINEERING OR ADMINISTRATIVE CONTROLS SHOULD BE IMPLEMENTED TO REDUCE EXPOSURE.  
Ventilation:PROVIDE LOCAL EXHAUST/MECHANICAL VENTILATION TO KEEP Protective Gloves:IMPERMEABLE  
Eye Protection:SAFETY GOGGLES, GLASSES, FACESHIELDS  
Work Hygienic Practices:REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.  
Supplemental Safety and Health  
ALUMINUM ISN'T A ACCEPTABLE MATERIAL FOR CONSTRUCTION FOR PUMPS, MIXERS, FITTING, STORAGE TANKS.

## Chemical Properties

Boiling Pt:B.P. Text:165F  
Vapor Pres:100  
Vapor Density:4.6  
Spec Gravity:1.305  
Evaporation Rate & Reference:(N-BU AC = 1): >1

## Stability

Stability Indicator/Materials to Avoid:YES  
LONG TERM CONTACT W/WATER CAN DEplete STABILIZERS FOLLOWED BY SLOW HYDROLYSIS PRODUCING CORROSIVE ACID. ALUMINUM/ALLOY

Stability Condition to Avoid: HEAT, FLARES, FLAMES, ELECTRICAL EQUIPMENTS, SPARKS

Hazardous Decomposition Products: CO, CO<sub>2</sub> VARIOUS HYDROCARBONS, PHOSGENE, HYDROGEN CHLORIDE, TOXIC MATERIALS, FORMS HYDROCHLORIC ACID, METALS.

## Disposal

Waste Disposal Methods: DISPOSE OF MATERIAL IN ACCORDANCE W/LOCAL, COUNT, STATE & FEDERAL REGULATIONS. AS PRODUCED, THIS MATERIAL IS A PRODUCT & NOT A WASTE.

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