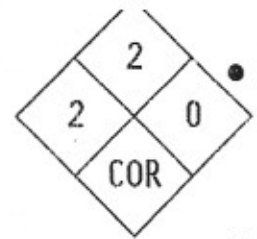


AMCHEM PRODUCTS, INC.  
DIVISION OF HENKEL CORPORATION  
300 BROOKSIDE AVENUE  
AMBLER, PA 19002



HMS\*

# MATERIAL SAFETY DATA SHEET

MARTIN ENGINEERING COMPANY  
US ROUTE 34  
NEPONSET, IL 61345  
ATTN: NANCY BURTON

CUSTOMER # \*\*\*\*\*

H HEALTH	2
F FLAMMABILITY	2
R REACTIVITY	0
PERSONAL PROTECTION	H

CORROSIVE

PRODUCT TRADE NAME	METALPREP 79		
DOT PROPER SHIPPING NAME	Compounds, Rust Preventing		
DOT HAZARD CLASSIFICATION	Corrosive		
TECHNICAL CONTACT (NAME)	Charles Gruszka		
TELEPHONE NUMBER	(215) 628-1364	EMERGENCY NUMBER	(215) 628-1000

## 1 HAZARDOUS INGREDIENTS

MATERIAL	CAS NO.	CONTENTS (% WT/WT)	HAZARD	TLV
Phosphoric Acid	7664-38-2	25-35	Corrosive	1 mg/M <sup>3</sup>
Butyl Cellosolve	111-76-2	10-15	Irritant	120 mg/M <sup>3</sup>

## 2 PHYSICAL DATA

APPEARANCE	Clear medium blue liquid		
SOLUBILITY IN WATER	Complete		
ODOR, @ 60 °F.	Solvent	pH of CONCENTRATE	1-2
SPECIFIC GRAVITY @ 60 °F.	1.15-1.17	BOILING POINT, °F.	>212
OTHER:	N/A		

## 3 FIRE & EXPLOSION DATA

FLASH POINT	175°F
TEST METHOD	TCC
EXTINGUISHING MEDIA	Water
UNUSUAL FIRE OR EXPLOSION HAZARDS	None
SPECIAL FIRE FIGHTING PROCEDURES	None

## 4 REACTIVITY DATA

STABLE

UNSTABLE

CONDITIONS TO AVOID

INCOMPATIBLE MATERIALS

Alkalis and strong oxidizers

HAZARDOUS POLYMERIZATION WILL OCCUR

WILL NOT OCCUR

CONDITIONS TO AVOID

HAZARDOUS DECOMPOSITION PRODUCTS

Oxides of phosphorus and carbon

## 5 HEALTH HAZARD DATA

Skin: Will irritate and may burn.  
Eyes: Will irritate and may burn.  
Ingestion: Will irritate and may burn mucous membranes.  
Inhalation: Will irritate and may burn mucous membranes if prolonged.

## 6 FIRST AID RECOMMENDATIONS

Skin: Wash with soap and water and rinse thoroughly. Anyone who appears to suffer skin burns from this product should be seen by a doctor.  
Eyes: Flush immediately with copious amounts of water for at least 15 minutes. Call a doctor.  
Ingestion: Drink milk of magnesia, aluminum hydroxide gel, or limewater, followed by several glasses of water. Call a doctor. Do not induce vomiting unless directed by a doctor.  
Inhalation: Remove from contaminated area to fresh air.

## 7 SPILL PROCEDURES & WASTE DISPOSAL

SPILL PROCEDURES

Transfer any excess to a clean polyethylene container. Neutralize remaining residue with dilute soda ash or lime to pH 7-8.

WASTE TREATMENT

Flush neutralized material to treatment plant with plenty of water and with approval of regulatory agency.

## 8 PERSONAL PROTECTION

### VENTILATION REQUIREMENTS

GENERAL AREA EXHAUST

LOCAL EXHAUST

NO EXHAUST NECESSARY

### PERSONAL PROTECTIVE EQUIPMENT

EYE PROTECTION Safety goggles

SKIN PROTECTION Rubber gloves and rubber apron

RESPIRATORY PROTECTION Mist mask - NIOSH approved

OTHER REQUIRED EQUIPMENT None

## 9 SPECIAL PRECAUTIONS & STORAGE

Store in a cool place.

PREPARED BY Charles Gruszka

DATE 08/11/87

TITLE Senior Chemist