

**FOR COATINGS, RESINS, AND RELATED MATERIALS  
(APPROVED BY THE U.S. DEPARTMENT OF LABOR AS  
'ESSENTIALLY SIMILAR' TO FORM OSHA-20)  
(MEETS REQUIREMENTS OF CFR 29 PART 1910. 1200,  
OSHA'S HAZARD COMMUNICATION STANDARD) NPCA 1-84**

## SECTION 1 - MANUFACTURER AND PRODUCT INFORMATION

## CHEMICAL PRODUCT IDENTIFICATION:

PRODUCT ID ..... N140-1211A 5G  
 PRODUCT CLASS ..... POLAMINE AMIDO AMINE  
 TRADE NAME ..... POTA-POX PLUS RED PRIMER  
 FORMULA VERSION NUMBER ..... 7  
 MSDS PREPARATION DATE ..... 02/10/2000  
 MANUFACTURER IDENTIFICATION  
 NAME ..... TNEMEC COMPONY, INC.  
 ADDRESS: ..... 123 WEST 23RD AVENUE  
 ..... NORTH KANSAS CITY, MO. 64116-3064  
 TELEPHONE ..... 816-474-3400  
 EMERGENCY TELEPHONE ..... 816-474-1425

## SECTION 2 - HAZARDOUS INGREDIENTS

1

CAS# 1309-37-1  
 IRON OXIDE FUME  
 PCT BY WT: 12.5630  
 EXPOSURE LIMIT:  
 ACGIG TVL/TWA: 0005.00 MG/M3  
 OSHA PEL/TWA: 0010.00 MG/M3

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2

CAS# 14808-60-7  
 CRYSTALLINE SILICA (QUARTZ. RESPIRABLE DUST)  
 PCT BY WT: 2.0420  
 EXPOSURE LIMIT:  
 ACGIG TVL/TWA: 0000.10 MG/M3  
 OSHA PCL/TWA: 0000.05 MG/M3

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3

CAS# 14808-60-7  
 CRYSTALLINE SILICA (QUARTZ, RESPIRABLE DUST)  
 PCT BY WT: 22.9290  
 EXPOSURE LIMIT:  
 ACGIG TVL/TWA: 0000.10 MG/M3  
 OSHA PEL/TWR: 0000.05 MG/M3

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4

MAGNESIUM SILICATE  
 CAS# 14807-96-6  
 TALC (NO ASBESTOS FIBERS/RESPIRABLE DUST)  
 PCT BY WT: 26.5110  
 EXPOSURE LIMIT:  
 ACGIG TVL/TWA; 0002.00 MG/M3  
 OSHA PEL/TWA: 0002.00 MG/M3

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POTA-POX PLUS RED PRINER

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MODIFIED ALIPHATIC AMINE  
PCT BY WT: 7.2180  
EXPOSURE LIMIT:

6

POLYAMIDE RESIN  
PCT BY WT: 5.8020  
EXPOSURE LIMIT:

7

N-BUTYL ALCOHOL  
CAS# 71-36-3  
N-BUTANOL (SKIN)  
PCT BY WT: 4.0700                      VAPOR PRESSURE:                      4.400 MMHG @ 60F  
EXPOSURE LIMIT:  
ACGIH CEILING:                                      0050.00 PPM  
OSHA CEILING:                                      0050.00 PPM

8

CAS# 100-51-6  
BENZYL ALCOHOL  
PCT BY WT: 4.6930  
EXPOSURE LIMIT:

9

CAS# 100-41-4  
ETHYL BENZENE  
PCT BY WT: 2.5500                      VAPOR PRESSURE:                      6.000 MMHG @ 68F  
EXPOSURE LIMIT:  
ACGIG TVL/TW:                                      0100.00 PPM  
ACGIH TLV/STEL:                                      0125.00 PPM  
OSHA PEL/TWA:                                      0100.00 PPM  
OSHA STEL:    0125.00 PPM

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XYLENE  
CAS# 1330-20-7  
DIMETHYLBENZENE  
PCT BY WT; 10.5610                      VAPOR PRESSURE:                      5.100 MMHG @ 68F  
EXPOSURE LIMIT:  
ACGIG TVL/TWA:                                      0100.00 PPM  
ACGIH TLV/STEL:                                      0150.00 PPM  
OSHA PEL/TWA:                                      0100.00 PPM  
OSHA STEL:    0150.00 PPM

This product contains one or more reported carcinogens or suspected carcinogens which are noted NTP, IARC, or OSHA-Z in the other limits recommended column.

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POTA-POX PLUS RED PRIMER

This substance contains a material classified as a hazardous air pollutant.  
This product contains pigment dusts which may be released when subjected to abrasive blasting, sanding, or grinding. The information contained in this section is considered confidential and proprietary and should be used only for safety and health purposes.

## SECTION 3 - HEALTH HAZARD INFORMATION

## EMERGENCY OVERVIEW:

## POTENTIAL HEALTH EFFECTS:

## EYES:

Severe irritation. Redness, tearing, blurred vision.  
May result in permanent visual loss.

Corrosive responses, burns.

## SKIN:

Allergic skin responses.  
Discoloration.

Can be a skin sensitizer.

Corrosive skin responses.

## INHALATION - OVEREXPOSURE TO SOLVENT VAPORS OR SPRAY MIST:

Nasal and respiratory irritation, anesthetic effects, dizziness, possible unconsciousness and asphyxiation, stupor, weakness, fatigue, nausea, and headache.

## INHALATION - OVEREXPOSURE TO FREE PIGMENT DUST:

Coughing, wheezing, shortness of breath, restricted nasal passages, lung injury.

## INGESTION:

Gastrointestinal irritation, nausea, vomiting, diarrhea, death, aspiration into the lungs which can be fatal.

## CHRONIC EFFECTS:

Prolonged inhalation of dusts containing crystalline silica may result in the development of a lung disease known as silicosis.

## NOTICE:

Reports have associated repeated and Prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the vapors may be harmful or fatal. Prolonged or repeated contact with skin may cause primary irritation, dermatitis, or allergic skin reactions. This Product contains crystalline silica, which is considered a cancer hazard by inhalation of respirable dust. The International Agency for Research on Cancer (IARC) concluded that respirable crystalline silica inhaled in the form of quartz or cristobalite from occupational sources is carcinogenic to humans (Group 10).

## TARGET ORGANS:

Can be corrosive to skin.

Can cause respiratory tract irritation.

Can cause lung damage.

Can cause eye damage.

Can cause liver damage.

Can cause cancer. Risk of cancer depends on duration and level of exposure.

Can cause Gastrointestinal tract damage.

Can cause kidney damage.

Can cause nervous system effects.

Can cause skin sensitization.

## OTHER:

This Product when mixed with other components acquires the hazards of all components.

## PRIMARY ROUTES OF ENTRY:

Dermal and Inhalation.





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### SECTION 10 - STABILITY AND REACTIVITY

**INCOMPATIBILITIES:**

Strong oxidizing agents.

Bases, Acids, Water, alcohols, amines, strong bases, metal components, surface active materials.

DECOMPOSITION: Carbon monoxide, carbon dioxide, hydrocarbon fragments, Nitrogen monoxide, nitrogen dioxide

Trace amounts of HCN.

CONDITIONS TO AVOID: Epoxy compounds under uncontrolled conditions. Isocyanate compounds under uncontrolled conditions. Heat, sparks, open flames.

POLYMERIZATION: Will not occur.

STABILITY: Stable.

### SECTION 11 - TOXICOLOGICAL INFORMATION

**OTHER;**

Consult various toxicology references such as NIOSH's "Registry of Toxic Effects of Chemical Substances" or Sax's "Dangerous Properties of Industrial Chemicals" for specific toxicity information regarding hazardous ingredients.

### SECTION 12 - ECOLOGICAL INFORMATION

**ECOTOXICOLOGICAL INFORMATION:**

### SECTION 13 - DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL:**

Dispose of in accordance with Federal, state, and local regulations regarding pollution.

### SECTION 14 - TRANSPORT INFORMATION

DOT HAZARD CLASS .....

**TRANSPORTATION ASSISTANCE:**

Contact Tnemec's Traffic department @ (816) 474-3400.

### SECTION 15 - REGULATORY INFORMATION

**FEDERAL REGULATIONS:**

This Product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372:

**N-BUTANOL (SKIN)**

CAS# 71-36-3	PCT BY WT:	4.0700
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**ETHYL BENZENE**

CAS# 100-41-4	PCT BY WT:	2.5500
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**DIMETHYLBENZENE**

CAS# 133-20-7	PCT BY WT:	10.5610
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**STATE REGULATIONS:**

TNEMEC COMPANY, INC.  
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POTA-POX PLUS RED PRIMER

SECTION 16 - OTHER INFORMATION

Prepared by . . . . . : Kevin Settles  
Date of issue . . . . . : 02/10/2000  
Last Revision Date . . . . . : 06/06/1996  
MSDS Prepared for . . . . . :  
MSDS Last Prepared . . . . . : NONE  
HMIS Information:  
Health- 2\*  
Flammability- 3  
Reactivity- 1

For specific information regarding occupational safety and health standards, please refer to the Code of federal Regulations, Title 29, Part 1910.

To the best of our knowledge, the information contained herein is accurate. However, neither the Tnemec Company or any of its subsidiaries assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.