

**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

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

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

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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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:

CYC:

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

ETHYL BENZENE

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

DIMETHYLBENZENE

CAS# 133-20-7 PCT BY WT: 10.5610

STATE REGULATIONS:

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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.