MATERIAL SAFETY DATA SHEET

IDENTITY- ACRYLIC NAIL PRIMER (The term Acrylic Nail Primer refers to any and all Acrylic primers manufactured manufactured/distributed by PNI WorldWide, for the Nail Industry)

Section I: MANUFACTURER/DISTRIBUTOR:

PNI WorldWide EMERGENCY TELEPHONE NUMBER (800) 535-5053
5454 West Crenshaw Street INFORMATION TELEPHONE NUMBER (813)960-2780
Tampa, FL 33634
DATE PREPARED 01/3/2003

Section II

Hazardous components (Specific Chemical Identity; Common Name)

	CAS REG. NO.	**OSHA PEL**	**ACGIH TLV**	**%**
Methacrylic Acid	79-41-4			~100
Hydroguinine+	123-31-9			0.1 - 1
4-Methoxphenol+	150-76-5			0.1 - 1

Regulated as a toxic chemical under Sec. 313 of Title III of the Supervened Amendments and Reauthorization Act of 1986 and 40 CFR part 372 (Inhibitors and Odor masks contained in some Nail Primer are under 1% and are believed to be a Trade Secret.)

Section III-Physical/Chemical Characteristics

Boiling point 160 C **Specific Gravity (H2O=1)** 1.02
Vapor Density (AIR=1) 2.97 **Evaporation Rate (Butyl Acetate=1)** .07
Solubility in Water Infinite **Percent Volatile W/W%** 99+
Appearance and Odor colorless, acrid **Melting Point** 61 Deg F

Section IV-Fire and Explosion Hazard Data

Flash Point (method used) TAG **CLOSED**: 67-degree F **Flammable Limits AIR VOL% LEL**-1.6

Extinguishing Media-Chemical Foam, Carbon Dioxide, Dry Chemical
Special Fire Fighting Procedures: Wear self-contained breathing apparatus, and full protective gear. Use water spray to cool containers. Evacuate personnel to a safe area.
Explosion Hazard- Fight fire from protected location
Unusual fire and explosion hazards-This material is combustible. Vapor forms explosive mixture with air. Heating can release vapors, which can be ignited.

Section V Reactivity Data

Stability-Stable Conditions to Avoid-Heat and source of ignition. Product is highly aciic
Incompatibility (material to avoid) - Mild steels or alkalizes. Reducing and oxidizing agents.
Hazardous decomposition of By Products – Oxides of carbon when burned
Hazardous Polymerization May Occur –Conditions leading to polymerization are sunlight, oxygen-free atmosphere, excessive heat, storage in absence of inhibitor, inadvertent addition of catalyst. Avoid freezing that may result in uneven distribution of inhibitor.

Section VI-Health Hazard Data

Route of Entry: **Inhalation**-4hr. LC 50:6.7 mg/L rats **Skin**-LD50: 500 mg/kg Rabbits **Eyes**-Corrosive (blindness can occur) **Ingestion**-LD50: 2250 mg/kg in Rabbits
Health Hazards (acute & chronic) - If inhaled, ingested or skin absorption is harmful. Prolonged contact may cause sensitization. Vapor & mist are irritating to mucous & eyes. May cause headache and nausea.

First Aid: Inhalation: Move to fresh air. Get medical attention if discomfort persists.
Eyes: Flush with water for 30 minutes, including under eyelids; obtain medical attention immediately.
Swallowing: Do Not induce vomiting. Seek prompt medical attention.
Skin: Wash skin with soap and water.

Section VII-Transportation Information – DOT Classified

Shipping Information:
Proper Shipping Name : Methacrylic Acid, Stabilized
Hazard Class : 8
ID No. (UN/NA) : UN 2531
DOT Label (s) : Corrosive
Packing Group : II

Section VIII-Precautions for Safe Handling and Use

Step to be taken if Material is spilled: Evacuate area. Eliminate sources of ignition. Dike and absorb with inert material. Transfer to proper containers for disposal. Use non-sparking tools, Keep spill out of sewers and open bodies of water.
Waste Disposal Methods: Do not flush to surface of water sanitary sewer system or incinerate in close containers Treatment and disposal must be in accordance with Federal, State, and Local Regulations.
Precautions to be taken in handling and storage: Store in a cool dry place. Keep away form heat and light. Store in a ventilated area.

Section VIIII-Control Measures

Use organic vapor mask & local exhaust. Protective gloves and goggles are also suggested.

PNI WorldWide Disclaimer: