

# O · P · I · P · R · O · D · U · C · T · S

## SYSTEM III BRUSH CLEANER MATERIAL SAFETY DATA SHEET



"For the natural looking nail"®

### SECTION I - PRODUCT IDENTIFICATION

Product Name: System III Brush Cleaner  
Date Prepared: 10/01/86  
Name of Preparer: R. Eric Montgomery

### SECTION II - HAZARDOUS INGREDIENTS

Chemical Name: Acetone  
CAS Numbers: 67-64-1  
Exposure Limits: ACGIH TLV - 750 ppm; OSHA PEL 1000 ppm  
Chemical Name: Denatured Alcohol (Contains methanol and methyl isobutyl ketone as denaturants)  
CAS Numbers: Mixture  
Exposure Limits: ACGIH TLV - 1000 ppm; OSHA PEL 1000 ppm.

### SECTION III - PHYSICAL PROPERTIES

Vapor Density (air=1): 2.0  
Specific Gravity: 0.835  
Solubility in Water: Complete  
Vapor Pressure, mmHg at 20 Degrees C: 266  
Melting Point (Degrees Fahrenheit): 169  
Boiling Point (Degrees Fahrenheit): 133  
Evaporation Rate (Butyl Acetate=1): 14.48  
Appearance and Odor: Clear, colorless liquid; fragrant mint-like odor

### SECTION IV - FIRE AND EXPLOSION

Flash Point (Fahrenheit) and Method: 1.4 (Tag closed cup)  
Flammable Limits in Air, Volume %: Lower: 2.6; Upper: 12.8  
Fire Extinguishing Materials: foam, Carbon Dioxide, Dry Chemical

### SECTION V - HEALTH HAZARD INFORMATION

Symptoms of Overexposure:  
Inhaled: Irritation of mucous membranes, headache, nausea, dizziness and narcosis can result from excessive exposure to vapors.  
Contact with Skin or Eyes: Eye irritation is irritation and may be damaging.  
Absorbed Through Skin: Not expected to cause systemic injury.  
Swallowed: Mucous membrane and gastrointestinal irritation.  
Health Effects from Overexposure:  
Acute: Oral, dog: LD=24 g/kg; Dermal, rabbit: LD=20 gm/kg; Human TClo: 500 ppm TFX: EYE  
Chronic: None known  
First Aid - Emergency Procedures:  
Eye Contact: Flush eyes promptly with large amounts of water, occasionally lifting the upper and lower lids. Get medical attention immediately.  
Skin Contact: Promptly wash contaminated skin with soap or mild detergent and water. Get medical attention if irritation persists.  
Inhaled: Remove to fresh air. Restore and/or support breathing if required. If effects are more severe than a headache, contact a physician.  
Swallowed: Give water to dilute. Induce vomiting and contact a physician.

IN ALL OF THE ABOVE EMERGENCY CASES, CALL A PHYSICIAN.  
Suspected Cancer Agent: No  
Medical Conditions Aggravated by Exposure: None Known.  
This products ingredients are not found in the following lists:  
OSHA, NTP, IARC.

### SECTION VI - REACTIVITY DATA

Stability: Stable  
Incompatibility: Oxidizing agents  
Hazardous Decomposition Products: None  
Hazardous Polymerization: Will not occur  
Conditions to Avoid: Heat - Brush cleaner is a highly flammable material. Oxidation and deficiency of air can produce carbon monoxide.

### SECTION VII - SPILL, LEAK, AND DISPOSAL PROCEDURES

Spill Reponse Procedures: Provide maximum explosion proof ventilation. Eliminate all sources of ignition. Flush with water spray to clear area of brush cleaner (flush to open ground, NOT to drains, sewers, or surface water courses), or dilute with water and pick up with non-sparking tools for disposal.  
Preparing Wastes for Disposal: Incineration is a recommended method to dispose of scrap brush cleaner. When amounts warrant it, consider reclaiming by distillation.  
Note: Dispose of all wastes in accordance with Federal, State, and Local Regulations.

### SECTION VIII - SPECIAL HANDLING INFORMATION

Ventilation and Engineering Controls: To meet TLV requirements  
Respiratory Protection: For non-routine or emergency exposure above the TLV, use NIOSH or OSHA approved full facepiece gas mask with organic vapor canister, or air-supplied respirator in accordance with conditions.  
Eye Protection: Safety Glasses  
Gloves: Polyvinyl acetate gloves  
Other handling and storage requirements: Store in a cool, clean, well-ventilated fireproof storage room or cabinet to meet OSHA requirements. Sprinkler fire protection is needed in areas of storage, handling, and use. Store in drums or safety cans with identifying labels which indicate the flammability of the material. Brush cleaner must be stored and handled away from heat. No smoking in storage or use areas. Prevent container damage. Electrically interconnect and ground containers for all transfers of brush cleaner to avoid fires from static sparks. An eyewash station and safety shower should be available near the workplace where splashing is possible.

ADDITIONAL INFORMATION CONTINUED ON THE OTHER SIDE