

# MATERIAL SAFETY DATA SHEET

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FOR EMERGENCY CALL (314) 382-9881  
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Please become familiar with the Material Safety Data Sheet, as it is important for the user to understand the product. If further information is desired, consult professionals or reference studies in toxicology, fire prevention/suppression and ventilation.

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## I. PRODUCT IDENTIFICATION

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Product Name: **DULLING POWDER**  
Product Number:  
Chemical Name: Copolymer of Vinyl Chloride and Dibutyl maleate  
Chemical Family:

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## II. HAZARDOUS INGREDIENTS

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<u>Component</u>	<u>%</u>	<u>ACGIH (TLV-TWA)</u>	<u>OSHA (PeI-TWA)</u>
Vinyl Chloride Monomer	<.0005%	5 ppm	1 ppm

### Polyvinyl Chloride Dust:

Total Dust	--	10mg/m <sup>3</sup>	15mg/m <sup>3</sup>
Respirable Dust	--	N/A	5mg/m <sup>3</sup>

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## III. PHYSICAL DATA

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Boiling Point N/A  
Specific Gravity 1.4  
Vapor Density N/A  
% Volatile Negligible  
Solubility in Water Insoluble  
Vapor Pressure N/A  
Appearance and Odor White powder; no odor  
Melt Point N/A

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IV. HAZARD CODES  
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NFPA\*

Health: 2  
Fire: 1  
Reactivity: 0  
Special: None

National Fire Protection Association rating identifies the severity of hazards of materials during a fire emergency.

Key: 0 = Insignificant; 1 = Slight; 2 = Moderate; 3 = High; 4 = Extreme

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V. HEALTH HAZARD DATA  
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Toxicity:

ORAL (LD50) Not Established  
Dermal (LD50) Not Established  
Inhalation (LD50) Not Established  
TLV Not Established

Effects of Overexposure:

Acute ..... Overexposure to processing vapors may cause irritation to eyes, nose, and throat in some individuals. Excessive exposure to VC monomer may affect the central nervous system.

Chronic ..... Vinyl chloride monomer is a cancer-suspect agent. Some production workers exposed to high concentrations of vinyl chloride monomer developed angiosarcoma, a type of liver cancer.

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VI. EMERGENCY FIRST AID  
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Eyes ..... Flush thoroughly with copious amounts of lukewarm water at low pressure. Flush 15 minutes. If irritation persists, consult physician.  
Skin ..... Wash thoroughly. If symptoms occur, consult physician.  
Inhalation ..... Move to well-ventilated area, free from further exposure. If irritation persists, consult physician.  
Ingestion ..... Can cause gastrointestinal irritation, vomiting, nausea, and diarrhea. Consult physician immediately.

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VII. EMPLOYEE PROTECTION RECOMMENDATIONS  
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- Eye Protection ..... Wear safety goggles or glasses with side shields.  
Skin Protection ..... Chemical resistant gloves should be worn. Rubber or PVC if contact is expected.  
Ventilation ..... Good general ventilation must be used. Local exhaust ventilation may be needed to control dust and residual vinyl chloride monomer vapors below the TLV's listed.  
Respiratory Protection.. An appropriate NIOSH approved respirator for organic vapor and mist must be worn if conditions exist that will allow the vapor concentration of vinyl chloride monomer to exceed the listed TLV. Observe OSHA regulations for respirator use (29CFR1910.134).  
Other ..... Eyewash stations and safety showers should be readily available and clearly identified. Educate employees in the safe use of this product and related safety equipment.

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VIII. REACTIVITY DATA  
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- Stability ..... Stable. Hazardous polymerization will not occur. Avoid strong oxidizing agents, acetal or acetal copolymers and amine containing materials during processing.  
Other ..... Hazardous decomposition products include acetic acid, hydrogen chloride, carbon monoxide, carbon dioxide by combustion.

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IX. SPILL OR LEAK PROCEDURE  
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- If material is spilled or released ..... Do not flush into public sewer or water system. Sweep, shovel, vacuum into container for disposal or reuse.  
Waste Disposal ..... Large spills may be collected into drums and disposed of in compliance with Federal, state and local environmental control.

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X. SPECIAL PRECAUTIONS AND STORAGE DATA  
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Storage Temperature .... 50° - 100°  
Storage Conditions ..... Keep container closed when not in use. Do not store near heat, flame, or  
strong oxidizing agents.

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XI. TRANSPORTATION  
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DOT Shipper Name ..... N/A  
DOT Hazardous Classification ..... Primary NONE  
Secondary N/A  
DOT Labels Required ..... NONE  
Freight Description ..... Polyvinyl Chloride  
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NOTE: The information contained herein is based on information received from our suppliers and is believed to be correct. The user assumes responsibility for the product, as Multi-Tech has no control over its utilization. Updates to this MSDS will be made available as more information is accessible to Multi-Tech.

Prepared by: MSDS Committee, Multi-Tech, Inc.  
Date: January 1, 2001  
Supercedes: All previous