

Material Safety Data Sheet

Product Identification:		Red and Green Occlude		
Manufacturer: Pascal Company, Inc. P.O. Box 1478 Bellevue, Washington 98009-1478 Phone Number (for information): 1-425-827-4694 Emergency Phone Number: 1-425-827-4694 Fax Number: 1-425-827-6893		MSDS Number* CAS Number* Date Prepared: February 10, 1998		
SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION				
Components - Chemical Name & Common Name (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)	%*	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED
Isobutane (Propellant - Maintain level below 0.25 lei. May displace oxygen in air)				
TOTAL:	100			
SECTION 2 - PHYSICAL / CHEMICAL CHARACTERISTICS				
Boiling Point: N/A		Specific Gravity (H ₂ O=1): N/A		
Vapor Pressure (mm Hg and Temperature): N/A		Melting Point: N/A		
Vapor Density (AIR=1): N/A		Evaporation Rate (_____ - 1): N/A		
Solubility in Water: None		Water Reactive: N/A		
Appearance and Odor: Red or Green Powder with odor of propellant.				
SECTION 3 - FIRE AND EXPLOSION HAZARD DATA				
Extinguisher Media: CO ₂ dry chemical		Flammability Limits in Air % by Volume: N/A		
Special Fire Fighting Procedures: Confine fire to immediate area		Flash Point and Method Used: N/A		
Unusual Fire and Explosive Hazards: Contents under pressure: N-Butane has severe fire and explosive potential. May react with oxidizing materials.		Auto-ignition Temperature: N/A		
SECTION 4 - REACTIVITY HAZARD DATA				
Stability: Stable		Conditions to Avoid: N/A		
Incompatibility (Materials to Avoid): Oxidizing Materials		Conditions to Avoid: N/A		
Decomposition Products: None				
Hazardous Polymerization: Will not occur				
SECTION 5 - HEALTH HAZARD DATA				
Primary Routes of Entry: <input checked="" type="checkbox"/> Inhalation <input checked="" type="checkbox"/> Ingestion <input type="checkbox"/> Skin Absorption				
Carcinogen Listed In <input type="checkbox"/> NTP: <input type="checkbox"/> OSHA: <input type="checkbox"/> IARC Monograph: <input checked="" type="checkbox"/> Not Listed				
Health Hazards (Acute and Chronic)				
Eyes: Discomfort if sprayed into eyes. Inhalation: Isobutane may displace oxygen in reaching lungs. Ingestion: Normal quantities are not toxic.				
Signs and Symptoms of Exposure: Nausea, dizziness may occur from inhalation of propellant.				
Medical Conditions Generally Aggravated by Exposure:				
Emergency and First Aid Procedures: Seek medical assistance for further treatment, observation and support if necessary.				
Eye Contact: Flush well with water and seek medical attention.				
Skin contact: Excessive exposure may cause frostbite. Treat as such.				
Inhalation: If unconscious give oxygen				
Ingestion: N/A				
SECTION 6 - CONTROL AND PROTECTIVE MEASURES				
Respiratory Protection: Dust mask recommended		Protective Gloves: Latex Gloves Recommended		Eye Protection: Recommended
Ventilation To Be Used: <input type="checkbox"/> Local Exhaust:		<input checked="" type="checkbox"/> Mechanical (general): Recommended		<input type="checkbox"/> Special:
Protective Clothing And Equipment: Lab coat or jacket to protect clothing		Hygienic Work Practices: Normal		
SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE / LEAK PROCEDURES				
Steps to be Taken if Material is Spilled Or Released: Provide adequate ventilation, use soap and water after propellant has been dispersed.				
Waste Disposal Methods: Used containers may be disposed of in garbage.				
Precautions to be Taken in Handling and Storage: None				
Other Precautions and/or Special Hazards:				
NFPA: Rating* _____ Health _____ Flammability _____ Reactivity _____ Special _____				
HMIS Rating*: Health 0 Flammability 0 Reactivity 0 Personal Protection E				

* Optional