

MATERIAL SAFETY DATA SHEET

(COMPLIES WITH 29CFR 1910.1200)

SECTION I - CHEMICAL PRODUCT & COMPANY IDENTIFICATION		
Identity (As Used on Label and List): Ultra Rock, Part B Product Class: UV Coating Emergency Telephone Number: 800-255-3924 Telephone Number for Information: 651-481-1900 Manufacturer's Name and Address: Multi-Clean® 600 Cardigan Road Shoreview, MN 55126		
SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS		
Hazardous Components (Specific Chemical Identity):		
Chemical	Common Name(s) %	
A	Acrylated Ester 20 - 30	
B	Acrylated Polyol 20 - 30	
C	Inorganic Mineral Filler 40 - 60	
SECTION III - HAZARDS IDENTIFICATION		
Emergency Overview		
Appearance and Odor: White, pourable liquid		
Primary Hazards: Irritation, sensitization, spontaneous polymerization		
Potential Health Hazards		
Route(s) of Entry: Skin Absorption: X Ingestion: Inhalation: X		
Eye: May cause irritation or sensitization.		
Skin: May cause irritation or sensitization.		
Ingestion: May be harmful if swallowed.		
Inhalation: May cause irritation.		
Signs and Symptoms of Exposure: Irritation, sensitization can be time delayed.		
Chemical burns can be caused with prolonged exposure. Vapors can be irritating.		
Carcinogenicity: NTP? N. Ap. IARC Monographs? N. Ap.		
OSHA Regulated? N. Ap.		
Target Organ (s): Some components have shown damage to blood cells, bone marrow, liver and kidneys in lab animal test.		
Medical Conditions Generally Aggravated by Exposure: Pre-existing skin, eye or respiratory disorders may be aggravated by exposure to this product.		
Health Hazards, Chronic: N. Av.		
SECTION IV - FIRST AID MEASURES		
Emergency and First Aid Procedures:		
If Swallowed: Call a physician immediately. Drink lukewarm water. Do not induce vomiting. Risk of damage to lungs exceeds poisoning risk. Never give anything by mouth to an unconscious person. Eye Contact: Flush eyes with running water for at least 15 minutes, seek medical attention. Skin Contact: Remove contaminated clothing and wash contact area with soap and water for 15 minutes. Do not reuse clothing unless completely cleaned. Note to Physician: Effects can be delayed 24 to 48 hours.		
Inhalation: If ill effects occur from breathing vapors remove victim to fresh air and obtain medical attention.		
Sources Used: Raw material data, general toxicology from trade for similar products.		
SECTION V - FIRE FIGHTING MEASURES		
Flammability: > 200°F Autoignition Temperature: N. Av.		
Flash Point (method used): N. Av.		
Flammable Limits: N. Av. LEL N. Av. UEL N. Av.		
Extinguishing Media		
Water? X	Foam? X	Water Fog? X
Alcohol Foam? X	CO2? X	Dry Chemical? X
Vaporizing Liquid? X	Other?	
Special Fire Fighting Procedures: Remove all ignition sources. Wear self-contained breathing apparatus and complete personal protective equipment when entering confined areas where potential for exposure to vapors or products of combustion exist.		
Unusual Fire and Explosion Hazards:		
High temperatures and fire conditions may cause rapid and uncontrolled polymerization which can result in explosions and violent rupture of storage vessels or containers.		
Avoid the use of a stream of water to control fires since frothing can occur.		
TDG Flammability Classification: N. Av.		
Sensitivity to Mechanical Impact: N. Av.		
Sensitivity to Static Discharge: N. Av.		
SECTION VI - ACCIDENTAL RELEASE MEASURES		
Steps to be Taken in Case Material is Released or Spilled:		
Spilled or released material may spontaneously polymerize and release heat/gases. Limit access to spill area. Extinguish all ignition sources and ventilate area. Wear protective clothing during cleanup. Dike and contain spill with inert materials. Collect spill with absorbent inert materials. Rinse area with strong detergent and water prevents washing from entering waterways.		
SECTION VII - HANDLING AND STORAGE		
Precautions to be Taken in Handling and Storing: Store in low light location at room temperature. Do not expose to cold or heat outside storage temperature. Keep containers tightly closed and away from heat, strong oxidizers, UV radiation, incompatible materials (see Section X). Store in original container.		
Storage Temperature: 60 - 90°F		
Other Precautions: Excessive heat can cause uncontrolled polymerization resulting in possibly rupturing container. Product should only be handled and used by qualified individuals		

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION					
Respiratory Protection (Specify Types):					
Ventilation: Local Exhaust: Not required	Special: Not required				
Mechanical (General): Not required					
Other:					
Protective Gloves: Impervious gloves (neoprene).					
Eye Protection: Approved safety goggles or glasses					
Footwear: Impervious covers					
Other Protective Clothing or Equipment: In application and curing product exposed skin should be protected from UV light and chemical contact.					
Work/Hygienic Practices: Wash exposed area thoroughly with soap and water after handling. Do not contaminate food or beverages with product.					
SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS					
Boiling Point: N. Av.	pH: N. Ap.				
Specific Gravity (H2O) = 1: 1.8	% Volatile: 0				
Vapor Density (Air = 1): N. Av.	Odor Threshold: N. Av.				
Evaporation Rate (Butyl Acetate = 1): N. Ap.	Oil/Water Distribution				
Solubility in Water: Neg	Coefficient: N. Av.				
Vapor Pressure (MM HG): N. Av.					
Melting Point: N. Av.					
SECTION X - STABILITY AND REACTIVITY					
Stability: Unstable: X Stable:					
Conditions to Avoid: Temperature less than 35°F or over 95°F, exposure to light.					
Incompatibility (materials to avoid): Polymerization initiators including peroxides, strong oxidizing agents, copper, copper alloys, carbon steel, iron rust and strong bases.					
Hazardous Decomposition or By-products: Carbon Monoxide, Carbon Dioxide, Oxides of Nitrogen.					
Hazardous Polymerization: May occur: X Will not occur:					
SECTION XI - TOXICOLOGICAL INFORMATION					
Chemical	OSHA PEL	ACGIH TLV	Recom.	LD50	LC50
A	N. Ap.	N. Ap.	N. Ap.	N. Av.	N. Av.
B	N. Ap.	N. Ap.	N. Ap.	N. Av.	N. Av.
C	15 mg/M3 dust	15 mg/M3 partials	N. Av.	N. Av.	N. Av.
Teratogen, Mutagen, Reproductive Toxin Status: N. Av.					
Toxicologically Synergistic Products: N. Av.					
SECTION XII - ECOLOGICAL INFORMATION					
Ecotoxicological Information: N. Av.					
Chemical Fate Information: N. Av.					
SECTION XIII - DISPOSAL CONSIDERATIONS					
Waste Disposal Method:					
Based on knowledge of product and its raw materials it is unlikely that this product is a hazardous waste for Federal RCRA purposes. Recommended disposal, incinerator use biological treatment in accordance with Federal, State and Local regulations.					
RCRA Hazard Class: None					
SECTION XIV - TRANSPORT INFORMATION					
Shipping Classification: Paint, varnish or lacquer, N.O.I.					
UN Number: N. Ap.					
Packing Group: N. Ap.					
SECTION XV - PREPARATION DATA					
Prepared By: Mike Elms					
Telephone Number: 651-481-1900					
Date: 12-09					
SECTION XVI - REGULATORY INFORMATION					
US Federal Regulations					
TSCA Status: All ingredients listed					
CERCLA Reportable Quality: No					
SARA Title III					
Section 302 Extremely Hazardous Chemicals: None					
Section 311/312 Hazard Category: Reactive, acute, chronic, health hazard.					
Section 313 Toxic Chemicals: None					
State Regulations					
International Regulations					
WHMIS Controlled Product Hazard Class: D2B					
SECTION XVII - OTHER INFORMATION					
N. Ap. - Not Applicable; N. Av. - Not Available					
NFPA SYSTEM					
1 A. Health Hazard 1 A. Fire Hazard 2 A. Reactivity Hazard					
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