

MATERIAL SAFETY DATA SHEET

This MSDS complies with OSHA's Hazard Communication Standard 29 CFR 1910.1200 and OSHA Form 174

IDENTITY AND MANUFACTURER'S INFORMATION

NFPA Rating: Health-1; Flammability-0; Reactivity-0; Special -		HMIS Rating: Health-1; Flammability-0; Reactivity-0; Personal Protection-B	
Manufactured For: H & B Industries, Inc. Address: 9758 Abernathy Ave.. Address: Dallas, TX 75220		DOT Hazard Classification: Identity (trade name as used on label): MISTY HB-555AA WHITE GUARD SUPREME WITH PTFE	
Date Prepared: 02/05/05 Prepared By: ED		MSDS Number: HB555AA Revision - 3	
Information Calls: (800) 466-0855		NOTICE: JUDGEMENT BASED ON INDIRECT TEST DATA	
Emergency Response Number: (800) 535-5053			

SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

COMPONENTS-CHEMICAL NAMES AND COMMON NAMES (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)	CAS Number	SARA III LIST	OSHA PEL (ppm)	ACGIH TLV (ppm)	Carcinogen Ref. Source **
USP WHITE MINERAL OIL	8042-47-5	No	5mg/M3	5mg/M3	d
CALCIUM CARBONATE	1317-65-3	No	5mg/M3	5mg/M3	d
			Dust	Dust	
ALUMINUM SOAP	68647-58-5	No	N/E	N/E	d
ZINC OXIDE	1314-13-2	No	N/D	N/D	d
POLYISOBUTYLENE	9003-27-4	No	5mg/M3	5mg/M3	d
			For oil mist	For oil mist	

SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: N/A	Specific Gravity (H2O=1): .89
Vapor Pressure: PSIG @ 70°F (Aerosols): N/A	Vapor Pressure (Non-Aerosols)(mm Hg and Temperature): N/D
Vapor Density (Air = 1): N/D	Evaporation Rate (ethyl ether = 1): N/A
Solubility in Water: Negligible	Water Reactive: N/D
Appearance and Odor: White gel with oil odor.	

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY as per USA FLAME	Auto Ignition Temperature	Flammability Limits in Air by % in Volume:
PROJECTION TEST (aerosols) N/A	N/D	% LEL: N/D % UEL: N/D
FLASH POINT AND METHOD USED (non-aerosols): N/D		SPECIAL containers.
EXTINGUISHER MEDIA: Carbon dioxide, dry chemical or foam.		FIRE FIGHTING PROCEDURES: Use water spray only to cool
Unusual Fire & Explosion Hazards: Will not flash spontaneously; may ignite if exposed to open flame. Do not cut or weld on containers.		

SECTION 4 - REACTIVITY HAZARD DATA

STABILITY <input checked="" type="checkbox"/> STABLE <input type="checkbox"/> UNSTABLE	HAZARDOUS POLYMERIZATION <input type="checkbox"/> WILL <input checked="" type="checkbox"/> WILL NOT OCCUR
Incompatibility (Mat. to avoid): Strong oxidizers	Conditions to Avoid: None
Hazardous Decomposition Products: Oxides of carbon, aluminum, calcium and zinc.	

SECTION 5 - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY:	<input type="checkbox"/> INHALATION <input checked="" type="checkbox"/> INGESTION <input checked="" type="checkbox"/> SKIN ABSORPTION <input checked="" type="checkbox"/> EYE <input type="checkbox"/> NOT HAZARDOUS
ACUTE EFFECTS:	
Inhalation: Not expected to be acutely toxic by inhalation based on data from components. Breathing petroleum oil mist at concentration in air that exceeds the recommended exposure standard can cause respiratory irritation or discomfort.	
Eye Contact: May cause eye irritation by abrasion based on data from components.	Skin Contact: May cause skin irritation by abrasion based on data from components. Primary hazard associated with grease in high pressure gun. If injected under the skin, necrosis could result.
Ingestion: May cause irritation, nausea or diarrhea. Possible aspiration hazard.	
CHRONIC EFFECTS: None known.	
Medical Conditions Generally Aggravated by Exposure: None known.	

EMERGENCY FIRST AID PROCEDURES

Eye Contact: Immediately flush eyes with water for a minimum of 15 minutes occasionally lifting lower & upper lids. If film or irritation persists, seek medical attention.
Skin Contact: Wash exposed portions with soap & water. If injected under the skin, get medical attention immediately. Launder soiled clothing before reuse.
Inhalation: If respiratory discomfort or irritation occurs, move person to fresh air. If breathing has stopped, give artificial respiration & get medical attention.
Ingestion: DO NOT INDUCE VOMITING. Drink large quantities of water. Get immediate medical attention.

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (specify type): Organic vapor respirator. Firefighters should wear self-contained positive pressure breathing apparatus.	
Protective Gloves: Nitrile or neoprene, oil resistant.	Eye Protection: Safety glasses or chemical goggles.
Ventilation Requirements: Maintain local or dilution ventilation to keep air conc. below PEL/TLV. Request assistance of safety & industrial hygiene personnel to determine air concentration.	
Other Protective Clothing & Equipment: Oil resistant apron.	
Hygienic Work Practices: Do not wear oil soaked clothing. Wash after handling.	

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps To Be Taken If Material Is Spilled Or Released: Absorb on fire resistant absorbent. Place in properly labeled non-leaking containers for proper disposal.
Waste Disposal Methods: Dispose of in accordance with all current local, state and federal regulations.
Precautions To Be Taken In Handling & Storage: Keep away from flames, sparks or hot surfaces. See also section 3. Keep containers closed. Shelf life 1 year.
Other Precautions &/or Special Hazards: KEEP OUT OF REACH OF CHILDREN. Do not wear contaminated clothing. Wash skin thoroughly after handling. Clean empty containers properly.

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.

** Chemical Listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only