



MATERIAL SAFETY DATA SHEET
READY - MIXED JOINT COMPOUNDS

hamilton materials, inc.

345 West Meats Avenue • Orange, California 92865 • (714) 637-2770 • Fax (714) 921-8974

Quick Identifier: Common Name (used on label and list)	Product Code:	Packaging:	Quick Identifier: Common Name (used on label and list)	Product Code:	Packaging:
Red Dot All - Purpose	18040	47.0 lb box	Multipurpose	18680	12 lb bucket
Blue Dot Taping	18200	46.0 lb box	Multipurpose	18700	56 lb bucket
Green Dot Topping	18230	49.0 lb box	Multipurpose	18720	62 lb bucket
Black Dot Sof-Top Topping	18360	49.0 lb box	Topping (white)	18760	62 lb bucket
Hi-Lite Multipurpose Light Weight	18380	3.59 gal box	Topping (tinted)	18780	62 lb bucket
TNT - Topping and Taping	18180	46.0 lb box	Hi-Lite Multipurpose Light weight	18800	4.76 gal bucket
White Dot Multipurpose	18100	46.0 lb box	Multi - Purpose Lite	55410	1 quart bucket
Blue Dot Lite Light Weight taping	18205	3.59 gal box	Multi - Purpose Lite	55420	1 gallon bucket
Light Weight All - Purpose	18045	3.59 gal box			
Green Dot Lite Light Weight topping	18250	3.59 gal box			
Yellow Dot - Multipurpose Light Weight	18390	3.59 gal box			

Section 1 - Product Name & Synonyms:		"Joint Compound"	
Manufacturer's Name	Hamilton Materials, Inc.	Emergency Telephone:	714-637-2770
Street	345 W. Meats Ave.	Other Information:	
City, State, and ZIP	Orange, CA 92865	FAX:	714-921-8974
Date Prepared:	December 6, 2002	Web-Site	hamiltonmaterials.com

Section 2 - Hazardous Ingredients / Identity				
<i>THE ABOVE PRODUCTS MAY CONTAIN THE FOLLOWING COMPONENTS:</i>				
Hazardous Component(s) Chemical & Common name:	OSHA PEL (TWA)	ACGIH TLV (TWA)	% - Optional	CAS Number
Calcium Carbonate (limestone)	15 mg/m ³ ** 5 mg/m ³ *	10 mg/m ³ (e)		1317-65-3
Mica	20 mppcf ₂	3 mg/m ³ R		12001-26-2
Perlite	15 mg/m ³ ** 5 mg/m ³ *	10 mg/m ³ (e)		93763-70-3

Section 2 – Hazardous Ingredients / Identity (cont.)				
Hazardous Component(s) Chemical & Common name:	OSHA PEL (TWA)	ACGIH TLV (TWA)	% - Optional	CAS Number
Starch	15 mg/m ³ ** 5 mg/m ³ *	10 mg/m ³ (e)		9005-25-8
Silica - Crystalline, Quartz ¹	0.1 mg/m ³ * 0.3 mg/m ³ **	0.05 mg/m ³ R	~ .01 – 1.5 %	14808-60-7
Talc (containing no asbestos fibers)	20 mppcf ₂	2 mg/m ³ (e), R		14807-96-6
Vinyl acetate		10 ppm 15 ppm ***		108-05-4

* Respirable fraction (PEL)
 ** Total dust (PEL) or Inhalable Particulate (TLV)
 *** STEL/CEIL – STEL stands for Short-Term Exposure Limit. Usually a 15 – minute time-weighted average (TWA) exposure that should not be exceeded at any time during a workday, even if the 8-hour TWA has not been exceeded. CEIL stands for Ceiling (C) - the concentration that shall not be exceeded during any part of the working exposure.
 NIC – TLV Notice of Intended Changes

- ¹ - Present as a natural occurring contaminant. ACGIH Threshold limit values lists Silica-Crystalline Quartz as "A2- Suspected Human Carcinogen"
² - <1% crystalline silica (Quartz).
 (e) - The value is for particulate matter containing no asbestos and <1% crystalline silica.
 R - Measured as respirable fraction of the aerosol.

OTHER INGREDIENTS / IDENTITY – This information is provided for those individuals who may be sensitive to amines			
Hazardous Component(s) Chemical & Common name:	OSHA PEL	% - Optional	CAS Number
2 – Hydroxy Amino Ethanol	Not established	0.14 – 0.23 %	34375-28-5
VOC's (Diethylene Glycol)		0.4 – 1.2 %	111-46-6

SECTION 3 – PHYSICAL & CHEMICAL CHARACTERISTICS			
Boiling Point	N/A	Solubility in Water	Less than 3%
Specific Gravity (H ₂ O = 1)	0.9 – 2.3	Reactivity in Water	N/A
Vapor Pressure (mm Hg)	N/A	pH	7 – 9
Vapor Density (Air = 1)	N/A	Melting Point	N/A
Appearance and Odor	Buff color paste with low odor		
VOC (total g/l, less water)	< 27 g/l		

SECTION 4 – FIRE & EXPLOSION DATA			
Flash Point	N/A	Non-Combustible (?)	Yes
Auto-Ignition Temperature	N/A	Flammability Limits in Air (% volume)	N/A
Special Fire Fighting Procedures	None	LEL Lower	N/A
Unusual Fire and Explosion Hazards	None	UEL Upper	N/A

SECTION 5 – PHYSICAL HAZARDS (REACTIVITY DATA)		
Stability	Unstable []	Stable [X]
Conditions to Avoid	None	

SECTION 5 – PHYSICAL HAZARDS (REACTIVITY DATA) – cont.		
Incompatibility (Materials to Avoid)	Acids	
Hazardous Decomposition Products	May release CO ₂ when heated to decomposition	
Hazardous Polymerization	Will Not Occur [X]	May Occur []

SECTION 6 – HEALTH HAZARDS						
Acute	Inhalation of dust may cause irritation of upper respiratory system	Chronic	Long term exposure to high dust levels may impair lung function			
Signs and symptoms of Exposure		N/A				
Medical Condition Generally Aggravated by Exposure		Respiratory problems				
Chemical Listed as Carcinogen or Potential Carcinogen Y – Yes N – No or Not established P-Potential	Crystalline Silica	ACGIH TLV P - [A2]	NIOSH Yes [Ca]	NTP Yes [K]	IRAC Monograph Yes - [1]	OSHA N []
	Vinyl Acetate	ACGIH TLV N - [A3]	NIOSH No	NTP N []	IRAC Monograph P- [2B]	OSHA N []
Emergency and First Aid Procedures		Persons exposed to large amounts of airborne dust should leave the area to avoid the nuisance particulate material				
Routes of Entry		Inhalation	Remove to fresh air			
		Eyes	Wash with water for 15 minutes – call physician			
		Skin	Wash with soap and water			
		Ingestion	Call physician			

SECTION 7 – SPECIAL PRECAUTIONS AND SPILL / LEAK PROCEDURES	
Precautions to be taken in Handling and Storage	None
Other Precautions	None
Steps to be Taken in Case Material is Released or Spilled	Contain and Scoop materials into waste container for disposal
Waste Disposal Methods	Dispose of in accordance with all federal, state, and local regulations

SECTION 8- SPECIAL PROTECTION INFORMATION/CONTROL MEASURES			
Respiratory Protection (specify type)	NIOSH / OSHA approved respirator for dust when using this product. There is limited evidence that crystalline silica (quartz) causes cancer in humans.		
Ventilation	Local exhaust preferred; Mechanical Exhaust satisfactory	Special N/A	Other N/A
Protective Gloves	Yes		
Eye Protection	Safety glasses or goggles		
Other Protective Clothing or Equipment	None		
Work / Hygienic Practices	Avoid dry sanding. Wet sanding or sponging is preferred.		

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