



Westpac Materials

Quick Identifier: Common Name (used on label and list)	Product Code:	Packaging:
Miracle Mix	55270	1 gal Bottle

Section 1 – Product Name & Synonyms:		Miracle Mix	
Manufacturer's Name	WestPac Materials, LLC.	Emergency Telephone:	714-974-6837
Street	341 W. Meats Ave.	Other Information:	
City, State, and ZIP	Orange, CA 92865	FAX:	714-637-9033
Date Prepared:	December 20, 2006	Web-Site	WestPacmaterials.com

Section 2 – Hazardous Ingredients / Identity				
Hazardous Component(s) Chemical & Common name:	OSHA PEL	ACGIH TLV	% - Optional	CAS Number
Formaldehyde	0.75 ppm (TWA) 2 ppm (STEL)	0.3 ppm (C) SEN	< 0.005	50-00-0
* - (STEL 5-min max for any 3 hour period)				
<p>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.</p> <p>TWA – Time Weighted Average NIC – TLV Notice of Intended Changes SEN – TLV – Confirmed potential for worker sensitization as a result of dermal contact and/or inhalation exposure, based on the weight of scientific evidence</p>				

SECTION 3 – PHYSICAL & CHEMICAL CHARACTERISTICS			
Boiling Point	~ 212° F	Solubility in Water	Miscible
Specific Gravity (H ₂ O = 1)	0.9 – 1.1	Reactivity in Water	N/A
Vapor Pressure (mm Hg)	N/A	pH	7 – 9
Vapor Density (Air = 1)	> 1	Freezing Point	32°F
Appearance and Odor	Off white liquid with ester odor		
VOC (total g/l, less water) SCAQMD Method 304 (eq. 5.2)	<600 gm/L		

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SECTION 4 – FIRE & EXPLOSION DATA			
Flash Point	> 300° F	Non-Combustible (?)	Yes
Auto-Ignition Temperature	N/A	Flammability Limits in Air (% volume)	N/A
Special Fire Fighting Procedures	Self-contained breathing apparatus and turn out gear		
Unusual Fire and Explosion Hazards	None	Extinguishing Media	Water, fog, foam or dry chemical
LEL Lower	N/A	UEL Upper	N/A

SECTION 5 – PHYSICAL HAZARDS (REACTIVITY DATA)		
Stability	Unstable [<input type="checkbox"/>]	Stable [<input checked="" type="checkbox"/>]
Conditions to Avoid	Temperatures below 40° F or above 110° F	
Incompatibility (Materials to Avoid)	Metal Salts will coagulate the product	
Hazardous Decomposition Products	CO, CO ₂ , NO _x , hydrocarbons	
Hazardous Polymerization	Will Not Occur [<input checked="" type="checkbox"/>]	May Occur [<input type="checkbox"/>]

SECTION 6 – HEALTH HAZARDS						
Acute	Contact with the eyes or skin may result in irritation. Formaldehyde is highly irritating to the upper respiratory tract. Repeated exposure may lead to sensitization in some individuals. Formaldehyde overexposure may lead to symptoms of bronchial asthma, either by direct irritation or sensitization. Inhalation may cause irritation to the respiratory tract, breathing difficulties, coughing, CNS effects, pneumonitis and pulmonary edema.			Chronic	Chronic inhalation studies in animals have shown that formaldehyde causes nasal cancer in rats. The IARC has classified formaldehyde as a carcinogen in Group 2A, the NTP included it in its Annual Report on Carcinogens, and OSHA regulates formaldehyde in 29 CFR 1910.1048.	
Chemical Listed as Carcinogen or Potential Carcinogen Y – Yes N – No or Not established P – Potential	Formaldehyde	ACGIH TLV P - [A2]	NIOSH Yes [Ca]	NTP Yes [R]	IRAC Monograph Yes [1]	OSHA Ca
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				
Signs and symptoms of Exposure	N/A					
Medical Condition Generally Aggravated by Exposure	Respiratory problems					

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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	Chemical Resistant Gloves and body covering clothing are recommended		
Eye Protection	Chemical safety goggles		
Other Protective Clothing or Equipment	None		
Work / Hygienic Practices	Avoid dry sanding. Wet sanding or sponging is preferred.		

NFPA Ratings

Health: 0
Fire: 0
Reactivity: 0



HIMS Rating

Health: 0*
Fire: 0
Reactivity: 0



0 = Minimal Hazard 1 = Slight Hazard 2 = Moderate Hazard 3 = Serious Hazard 4 = Severe Hazard

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