

# MATERIAL SAFETY DATA SHEET

## SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

<b>PRODUCT NAME:</b>	Acrylic Powder	<b>DATE PREPARED:</b>	november 5, 2012
<b>GENERAL USE:</b>	Fingernail overlay resin	<b>SUPPERSEDES:</b>	****
<b>PRODUCT DESCRIPTION:</b>	Polyethylmethacrylate, Polymethylmethacrylate, Dibenzoyl peroxide blend	<b>TELEPHONE NUMBER:</b>	+1 541 526 1417
		<b>EMERGENCY TELEPHONE NUMBER:</b>	+1 541 285 1283
<b>MANUFACTURER'S NAME</b>			
McConnell Labs, Inc.			
<b>ADDRESS</b>		<b>TELEPHONE NUMBER:</b>	
406 SW Umatilla Ave		+1 541 526 1417	
<b>(CITY, STATE AND POSTAL CODE)</b>		<b>EMERGENCY TELEPHONE NUMBER:</b>	
Redmond, OR 97756		+1 541 285 1283	
<b>COUNTRY</b>			
USA			

## SECTION 2 - HAZARDOUS INGREDIENTS

COMPONENTS	% (by weight)	CAS#	EINECS #	Hazard Symbol	RISK PHRASES (Full Text Section 16)
Polyethylmethacrylate	65-99	9003-42-3	N/A	n/a	n/a
Polymethylmethacrylate	0-35	9011-14-7	N/A	Xn	R40
Titanium dioxide / CI177891	0-1	13463-67-7	236-675-5	none	none
D&C red #7 / CI15850	0-1	5281-04-9	206-109-5	none	none
Dibenzoyl peroxide / benzoyl peroxide	0-1	94-36-0	202-327-6	none	none

b) Known to **not** be on the list of California Prop 65, Safe drinking Water and Toxic Enforcement Act of 1986, chemicals known to the state to cause cancer or reproductive toxicity. A person in the course of doing business must warn others who may consume, come in contact with or otherwise be exposed to this chemical.

c) Indicates an employee's skin exposure shall be prevented or reduced to the extent necessary in the circumstances through the use of gloves or other appropriate

## SECTION 3 - HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW

APPEARANCE: white or off-white powder

### POTENTIAL HEALTH EFFECTS

**INHALATION:** Possible temporary discomfort due to inhalation of dust concentration above the permissible exposure limit. Dust may cause irritation of the nose, throat and lungs

**SKIN:** Irritation of the skin can occur and may result in allergic rash

**EYES:** High concentrations can irritate the eyes. May cause eye irritation or damage

<b>CARCINOGENICITY:</b>	NTP?	NO	IARCH MONOGRAPHS?	NO	OSHA REGULATED?	NO
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Known to **not** be a carcinogen.

## SECTION 4 - FIRST AID MEASURES

**INHALATION:** In case of exposure to a high concentration of vapor or mist, remove person to fresh air. If breathing has stopped, administer artificial respiration and seek medical attention. There has never been any incidence of any inhalation incidence known to the manufacturer.

**SKIN:** Remove contaminated clothing and wash contact area with soap and water for 15 minutes. Particular attention should be paid to hair, nose, ears and other areas not easily cleaned. See section 8. Note to physician: effects can be delayed 24-48 hours.

**EYES:** Flush with plenty of water for at least 15 minutes and seek medical attention.

**INGESTION:** If appreciable quantities are swallowed, seek medical attention.

## SECTION 5 - FIRE FIGHTING MEASURES

**GENERAL HAZARDS:** Product will support combustion. Products of combustion will include compounds of carbon, nitrogen and oxygen including carbon monoxide.

**EXTINGUISHING MEDIA:** Carbon dioxide, water fog, dry chemical and chemical foam.

**FIRE FIGHTING PROCEDURES:** Firefighters must wear a full-face self-contained breathing apparatus in positive pressure mode. Do not use solid stream of water since stream will cause fire to scatter and spread fire. Fine water spray can be used to keep fire-exposed containers cool.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Closed containers can explode due to build-up of pressure due to extreme heat.

**HAZARDOUS COMBUSTION PRODUCTS:** Smoke, fumes, oxides of carbon, nitrogen containing compounds.

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** WILL SUPPORT COMBUSTION. Do not wash to sanitary sewer. While wearing a dust mask or dust respirator, sweep or vacuum dust and dispose according to local, state and federal regulations.

## SECTION 7 - HANDLING AND STORAGE

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Keep container closed when not in use. Protect containers from abuse. Do not expose to open flame. This material will support combustion. Keep this material and all chemicals out of the reach of children. Avoid prolonged contact with skin, mucous membranes, eyes, open wounds

## SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

HAZARDOUS COMPONENTS:	NIOSH				ACGIH			
	TWA ppm	TWA mg/m <sup>3</sup>	STEL ppm	STEL mg/m <sup>3</sup>	TWA ppm	TWA mg/m <sup>3</sup>	STEL ppm	STEL mg/m <sup>3</sup>
Polyethylmethacrylate	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Polymethylmethacrylate	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Dibenzoylperoxide	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

**PERSONAL PROTECTION:**

**RESPIRATORY PROTECTION (SPECIFY TYPE):** None required while threshold limits are kept below maximum allowable concentrations; if TWA exceeds limits, NIOSH approved respirator must be worn. Refer to 28 CFR 1910.134 or European Standard EN 149 for complete regulations.

**PROTECTIVE GLOVES:** Nitrile, neoprene, or latex. For large quantities, long neoprene glove are required with cuffs.

**EYE PROTECTION:** Safety glasses or splash goggles. For large exposure situations, a full-face splash shield is required.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Safety eyewash station.

**WORK / HYGIENIC PRACTICES:** Always practice safe workplace habits. Minimize body contact with this as well as all chemicals in general.

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR white or off-white powder	VAPOR PRESSURE not applicable
pH not applicable	SPECIFIC GRAVITY (WATER = 1) n/a
BOILING POINT / BOILING RANGE not applicable	SOLUBILITY IN WATER not soluble
FLASH POINT n/a	VISCOSITY n/a
FLAMMABLE LIMITS not applicable	VAPOR DENSITY (AIR = 1) n/a
AUTOIGNITION TEMPERATURE not applicable	EVAPORATION RATE (WATER = 1) not applicable

## SECTION 10 - STABILITY AND REACTIVITY

STABILITY	STABLE X	UNSTABLE	CONDITIONS TO AVOID: Temperatures over 60 °C, open flame, UV light (including sunlight)
INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers, and temperatures over 464 F			
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Decomposition will not occur if handled and stored properly. In case of fire, oxides of carbon, oxides of nitrogen, hydrocarbons, fumes and smoke may be produced.			
HAZARDOUS POLYMERIZATION	MAY OCCUR	WILL NOT OCCUR X	CONDITIONS TO AVOID: Temperatures over 464 F, open flame

## SECTION 11 - TOXICOLOGICAL INFORMATION



Dangerous preparations: Directive 1999/45/EC amended by Directive 2001/60/EC - OJEC L226 - 22/08/2001 and  
Commission Directive 2004/73/EC of 29 April 2004 adapting to technical progress for the 29th time Council Directive

***SECTION 16 - OTHER INFORMATION***