

## MATERIAL DATA SAFETY SHEET

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS & 2001/58 EC Standards

### SECTION I - PRODUCT IDENTIFICATION

REVISION DATE: 01/5/2019

Product Name: POLYDIP  
Chemical Name: N/A  
Synonyms: DIPPING POWDER  
Trade Name: **POLYDIP**  
Product use: Fingernails coating only  
Distributor's Name: CHRISTRIO  
Distributor's Address: 2420 Railroad; Corona, CA. 92881  
Information Contact: 1 951 808 4730  
Emergency Phone: Canada & US (800) 535-5053 International: 1 -352-323-3500  
EU Address: 167-171 Willoughby Lane; Tottenham, London N17 OSB; UK

### SECTION II - HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

This information may be based on finding related or similar materials

- May cause allergic skin reaction.
- Dust may cause irritation of the nose, throat, and lungs.
- May cause eyes irritation.

#### Potential Health Effects, Signs, and Symptoms of Exposure:

OSHA/HCS status: This material is considered hazardous by the OSHA Hazard Communication Standards (29 CFR 1910.1200).

Classification of the Substance/mixture: COMBUSTIBLE DUST - SKIN SENSITIZATION category

GHS label elements Percentage of mixture consisting of ingredient(s) of unknown toxicity: 98.9%

Hazardous pictograms:



Signal word: Warning

Hazardous statement: May form combustible dust concentrations in air. May cause an allergic skin reaction.

#### Precaution statements

Prevention: Wear proactive gloves. Avoid breathing dust, contaminated work clothing should not be allowed out of workplace.

Response: IF ON SKIN: wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical attention.

Storage: N/A

Disposal: Dispose of contents and container in accordance with all local, regional, national and international regulations.

Supplemental label elements: Keep container tightly closed. Prevent dust acumination.

Hazardous not otherwise Fine dust clouds may form explosive mixtures with air. Handling and/or processing of this material may generate dust which can cause mechanical irritation of the eyes, skin, nose and throat.

### SECTION III - COMPOSITION/INFORMSTION

Chemical Identity	CAS#	EINEC#	INCI Name	Exposure OSHA TWA/STEL	LIMITS ACGIH TWA/STEL	Carcinogen	%
Poly (ethyl methacrylate)	9003-42-3	N/E	Polyethylmethacrylate	N/E	N/E	NOT LISTED	65-99
Poly (methyl methacrylate)	9011-14-7	212-782-2	HEMA	N/E	N/E	Group 3/no/no	0-35

#### See Section XVI for Risk and Safety Phrase

N/E - None Established

N/DA - No Data Available

N/R - Not Review

N/A - Not Applicable

Poly(ethyl methacrylate): Hazard Symbol: N/E Risk Phrases: N/E Safety Phrases: S24/25

Poly(methyl methacrylate): Hazard Symbol: Xn Risk Phrases: R40 Safety Phrases: S36/37

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### SECTION IV - FIRST AID MEASURES

First Aid for Eye	Flush with plenty amount of water for 15 minutes and retract eyelid(s) often. Check for and remove contact lenses. Seek medical attention immediately.
First Aid for Skin	Remove contaminated clothing and wash contact area with soap and water for 15 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing and shoes thoroughly before reuse.
First Aid for 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.
First Aid for Ingestion	If appreciable quantities are swallowed, wash out mouth with water. Remove denture if any. Remove victim to fresh air. Give small quantities of water to drink. Loosen tight clothing and seek medical attention.

### SECTION V - FIRE FIGHTING MEASURES

**Method:**

Extinguishing Media:	Water, carbon dioxide, dry chemical.
Fire Fighting Instruction:	Avoid extinguishing methods that generate dust clouds. Water streams can disperse dust into air, producing a fire hazard and possible explosion hazard. Fire-fighters should wear self-contained breathing apparatus.
Unusual Hazards:	Polymer dust is combustible, explosive limits of the polymer particles suspended in air are approximately those of coal dust.

### SECTION VI - ACCIDENTAL RELEASE MEASURES

<b>For non-emergency personnel:</b>	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding area. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing dust. Provide adequate ventilation. Wear appropriate personnel protective equipment.
<b>For emergency responders:</b>	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable materials. See also the information in "For non-emergency personnel".
<b>Environmental precaution:</b>	Avoid dispersal of spilled materials and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if product has caused environmental pollution (sewers, waterways, soil or air).
<b>Small spilled:</b>	Move container from spill area. Avoid dust generation. Using a vacuum with HEPA filter will reduce dust dispersal. Place spilled material in a designated, labeled waste container.
<b>Large spill:</b>	Move containers from spill area. Approach release from upwind. Prevent entry to sewers, water courses, basements, or confined areas. Avoid dust generation. DO NOT dry sweep. Vacuum dust with HEPA filter and place it in a closed, labeled waste container. Avoid creating dusty conditions and prevent wind dispersal.

### SECTION VII - HANDLING AND STORAGE

<b>Handling</b>	Put on appropriate personal protective equipment (see Section 8). Persons with history of skin sensitization problem should NOT be employed in any process in which this product is used. DO NOT in eyes or on skin or clothing. DO NOT ingest. Avoid breathing dust. Avoid the creation of dust when handling and avoid all possible sources of ignition. Prevent dust accumulation. Use only with adequate ventilation. Wear appropriate respirator when ventilation is adequate. Keep in original container or an approved alternative made from a compatible material. Kept tightly closed when not in use.
<b>Advice on occupation hygiene:</b>	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See section 8 for additional information.
<b>Storage</b>	Store in accordance with local regulations. Store in a segregated and approved area. Store original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Separate from oxidizing materials. Keep container tightly closed and seal until ready to use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. DO NOT store in unlabeled containers. Use appropriate containment to avoid environment contamination.

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### SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls** Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or engineer controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

**Environment exposure control:** Emission from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

#### Personal Protective Equipment

**Hygiene** Wash hands, forearms and face thoroughly after handling products, before eating, smoking and using lavatory and at the end of the working period. Appropriate techniques should be used to remove potential contaminated clothing. Contaminated clothing before reusing.

**Eye/Face Protection** Chemical splash goggles.

**Skin Protection** Impervious gloves (Neoprene).

**Respiratory Protection** A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain limited circumstances, where airborne concentrations are expected to exceed exposure limits. Protection provided by nuisance level organic vapor dust masks can be used, however the use of the respirator is limited. Follow OSHA respirator regulations found in 29 CFR1910.134 or European Standard EN149.

### SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point/ Freezing Point	Decomposition Temperature	Octanol/Water Partitioning Coefficient	Vapor Pressure	Vapor Density	Evaporation Rate	Ignition	Solution In Water
N/A	N/A	N/A	(mm Hg) @ 20 C:<0.01	N/D	N/D	N/D	Insoluble
<b>Flash point (°F/°C)</b>		<b>Flammable Limit (Vol %)</b>		<b>Auto-ignition Temperature (Vol %)</b>			
>212 °F/100°C Setaflash		N/D		N/D			

### SECTION X – STABILITY AND REACTIVITY

<p><b>Stability:</b> Stable under normal ambient condition when stored properly.</p>	<p><b>Incompatibility (Materials to Avoid):</b> Polymerization initiators including peroxides, strong oxidizing agents, copper, copper alloys, carbon steel, iron, rust, and strong bases.</p>
<p><b>Hazardous Decomposition Products:</b> Fumes produced when exposed to extreme high temperatures or heated to decomposition may include: Irritating Vapors, Carbon Monoxide, Carbon Dioxide.</p>	<p><b>Hazardous Polymerization:</b> May occur. Uncontrolled polymerization may cause rapid evolution of heat and increased pressure that could result in violent rupture of sealed storage bottles, containers, or vessels.</p>

**Conditions to Avoid:**

Storage > 100°F/38°C, exposure to light, loss of dissolved air, loss of polymerization inhibitore, contamination with incompatible materials.

### SECTION XI – TOXICOLOGICAL INFORMATION

Acute Oral Toxicity	Acute Dermal Toxicity	Acute Inhalation Toxicity	Irritation - Skin	Irritation -Eye
N/DA	N/DA	N/DA	N/DA	N/DA

Since this product contains very low concentration of active components, the primary toxicological information is derived from the obligomers. Further hazardous properties cannot be excluded. The product should be handled

Sensitization	Mutagenicity	Sub-chronic Toxicity
N/DA	N/DA	N/DA

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### SECTION XII - Ecological Information

#### Ecotoxicological Information

Acute Toxicity To Fish	Acute Toxicity To Invertebrates	Acute Toxicity To Algae	Bioconcentration	Toxicity to Sewage Bacterials
N/DA	N/DA	N/DA	N/DA	N/DA

#### Chemical Fate Information

<b>Biodegradability</b>	N/DA
<b>Chemical Oxygen Demand</b>	N/DA

To the best of our knowledge, the ecotoxicological and chemical fate properties have not been investigated. DO NOT allow to entering drinking water supplies, wastewater, or soil.

### SECTION XIII- DISPOSAL CONSIDERATIONS

Non-contaminated, properly inhibited product is not a RCRA hazardous waste. It is the generators responsibility to determine what is classified as a hazardous waste. Comply with all Federal, State, and local regulations. Disposal of diking materials and absorbent in compliance with State, Local, and Federal regulations. When large amount of product use. Residue vapors may explode on ignition; DO NOT cut, drill, or well on or near the container. Mix with compatible chemical which is less flammable and incinerate.

### SECTION XIV - TRANSPORT INFORMATION

<b>DOT (49 CFR 172) (GND)</b>	
Proper Shipping Name	Non-Regulated Material
Identification	N/A
Marine Pollutant	No
Special Provisions	None
<b>Emergency Response Guidebook (ERG) #</b>	N/A
<b>IATA (DGR) (AIR)</b>	
Proper Shipping Name	Non-Regulated Material
Class or Division	N/A
UN or ID Number	N/A
Packing Instructions	None
<b>Emergency Response Guidance(ICAO)#</b>	N/A
<b>IMO (IMDG)</b>	
Proper Shipping Name	Non-Regulated Material
Class or Division	N/A
UN or ID Number	N/A
Special Provision & Stowage/Segregation	None
<b>Emergency Schedule (EmS)#</b>	N/A
<b>Other Information</b>	Flash point >100°

### SECTION XV - REGULATORY INFORMATION

#### US Federal Regulations

Clean Air Act: HAP/ODS	This product contains the following hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act: NONE This product contains no ODS's
Clean Water Act: Priority Pollutant	This product no chemical listed under the U.S. Clean Water Act Priority Pollutant List.
FDA: Food Packing Status	This product has not been cleared by the FDA for use in food packaging and/or other application as an indirect food additive.
Occupational Safety and Health Act	This product is considered to be a hazardous chemical under the OSHA Hazard Communication Satandard. Its hazards are: *Immediate (acute) health hazard *Delayed (chronic) health hazard *Reactive hazard
RCRA	This product is not considered to be a hazardous waste under RCRA (40 CFR 261).
SARA Title III: Section 302 (TPQ)	This product contains no chemicals regulated under Sec. 302 as extremely hazardous substances that carry a TPQ.
SARA Title III: Section 302 (RQ)	This product contains no chemicals regulated under Section 304 as extremely dangerous chemical for emergency release notification ("CERCLA" List).

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### SECTION XV – REGULATORY INFORMATION (Continued)

SARA Title III: Section 311-312	This product is considered hazardous under OSHA Hazard Communication Standard and is regulated under Section 311-312 (40 CFR 370). Its hazard are: *Immediate (acute) health hazard *Delayed (chronic) health hazard *Reactive hazard
SARA Title III: Section 313	This product contains no chemicals which are subject to the reporting requirements of Section 313 of Title III of the superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.
TSCA Section 8(b): Inventory:	This product contains chemicals listed on the TSCA inventory or otherwise complies with TSCA premanufacture notification requirements.
TSCA Significant New Use Rule	None of the chemicals listed have a SNUR under TSCA.


### State Regulation

CA Right-to-Know Law California No Significant risk Rule	None None
MA Right-to-Know Law	This product contains no chemicals on the MA Substance List.
NJ Right-to-Know	This product contains the following hazardous component subject to disclosure under NJ Right-to-Know legislation: NONE
PA Right-to-Know Law	This product contains the following hazardous component subject to disclosure under NJ Right-to-Know legislation: NONE
FL Right-to-Know Law	This product contains the following hazardous component subject to disclosure under NJ Right-to-Know legislation: NONE
MN Right-to-Know Law	This product contains the following hazardous component subject to disclosure under MN Right-to-Know legislation: NONE

### International Regulations

CDSL: Canadian Inventory (on Canadian Transitional List)	Hydroxypropyl Methacrylate CAS# 27813-02-1 is on the DSL List. WHMIS = D2B Hydroxycyclohexyl Phenyl Ketone CAS# 947-19-3 is on the List. WHMIS = N/DA 2-Hydroxyethyl Methacrylate CAS# 868-77-9 is on the List. WHMIS = N/DA
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### Labeling according to directive – 1999/4/EC

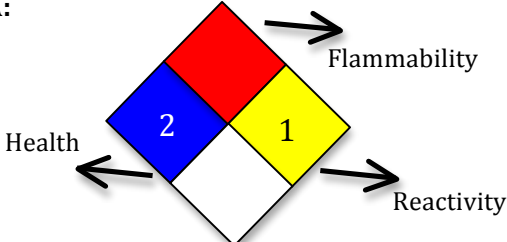
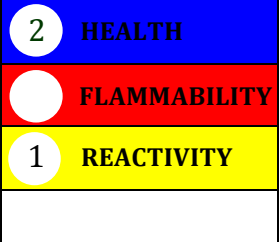
European Community: 	<b>BASIC ONE Clear Gel</b> <ul style="list-style-type: none"> <li>HAZARD SYMBOLS: <b>Xi</b>: Irritant</li> <li>RISK PHRASE: <b>R22</b>: Harmful if swallowed <b>R36/38</b> Irritating to eyes and skin <b>R43</b>: May cause sensitization by skin contact.</li> <li>SAFETY PHRASE: <b>S18</b>: Handle and open container with care, <b>S24/25</b>: Avoid contact with skin and eyes, <b>S36/37</b>: Wear suitable protective clothing and gloves, <b>S38</b>: In case of insufficient ventilation, wear suitable respiratory equipment.</li> </ul>
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### SECTION XVI – OTHER INFORMATION

#### EU Class and Risk/Safety Phrases for Referenced Ingredients (See Section 2):

<p><b>Hazard Symbol:</b> Xi – Irritants</p> <p><b>Risk Phrases:</b> R36/37/38 – Irritating to eyes, respiration system, and skin.; R36/38: Irritating to eyes and skin; R43 May cause sensitization by skin contact .</p> <p><b>Safety Phrases:</b> S2-Keep out of reach of children; S3/7-Keep container tightly closed in a cool place; S26-In case of contact with eyes, rinse immediately with plenty lukewarm water and seek medical advise; S28: After contact with skin, wash immediately with plenty of water; S36/37-Wear suitable protective clothing and gloves; S62 If swallowed, DO NOT induce vomiting; seek medical advice</p>
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#### Hazard Rating system (Pictograms)

<p><b>NFPA:</b></p> 	<p><b>HMIS:</b></p> 
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### SECTION XVI - OTHER INFORMATION (continued)

N/E - Not Establish    N/R - No Review    N/DA - No Data Available    N/A - Not Applicable  
 OSHA PEL for nuisance dust 15mg/m<sup>3</sup> (total dust) 5mg/m<sup>3</sup> (Respirable dust)  
 ACGIH PEL for nuisance dust 10mg/m<sup>3</sup>

Prepared By:	CHRISTRIO
Update Composition	May 1st, 2019

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