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## SAFETY DATA SHEET

DATE: 03/07/2017

### SECTION 1: IDENTIFICATION

#### ◆ 1.1 - IDENTIFICATION OF THE SUBSTANCE OR PREPARATION

PRODUCT NAME: Wildflowers Stamping Gel: All Colors  
PRODUCT CLASS: Soak off Gel Polish

#### ◆ 1.2 - FINAL USE

Nail Art product for the surface of the nail

#### ◆ 1.3 - COMPANY IDENTIFICATION

COMPANY : Wildflowers Studios, LLC  
1357 N Tamiami Tr. Suite B  
North Fort Myers, FL 33903  
PHONE: 239-677-0578  
EMAIL: info@wildflowersnails.com

#### ◆ 1.4 - EMERGENCY TELEPHONE NUMBER

Poison Control 800-222-1222

### SECTION 2: HAZARDS IDENTIFICATION

#### ◆ 2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE



GHS02; FLAMMABLE



GHS07; IRRITANT

H225 Highly flammable liquid and vapor

Vapors form from this product and may travel or be moved by air currents and ignited by pilot lights, other flames, sparks, heaters, electrical equipment, static discharges or other ignition sources at locations distant from product handling point. This material may produce a floating fire hazard.

#### ◆ 2.2 LABEL ELEMENTS



GHS02; FLAMMABLE



GHS07; IRRITANT

#### **RISK PHRASES:**

H225 Highly flammable liquid and vapor  
H319 Cause serious eye irritation

H336 May cause drowsiness and dizziness

**PRECAUTIONARY STATEMENTS:**

P210 Keep away from heat/sparks/open flames/hot surfaces – No smoking

P243 Take precautionary measures against static discharge

P305+351+338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing

◆ **2.3 OTHER HAZARDS**

The mixture contains no substance conforming to the PBT/vPvB criteria of REACH Regulation.

**SECTION 3: COMPOSITION/INFORMATIONS ON INGREDIENTS**

◆ **3.1 MIXTURE**

- **CHEMICAL CHARACTERIZATION:**  
Nitrocellulose with nitrogen content < 12.2 % and at a concentration < 20 % in a blend of solvents. Acrylic, Butyl Acetate, and Mica Powders  
Ingredients: Acrylate Series / Carbamate copolymer, Tremethylopropane Trimethacrylate, Hydroxycyclohexy lphenylketone, PHydroxyanisole.

- **HAZARDOUS COMPONENTS**

INGREDIENT	HAZARD SYMBOL (CE) No 1272/2008	HAZARD SYMBOL 67/548/CEE ou 1999/45/CE	CONCENTRATION	REGISTRATION NUMBER
BUTYL ACETATE CAS : 123-86-4	FLAM. LIQ. 3 H226 ACUTE TOX. 3 H336	R10, R66, R67	32.0 - 43.0 %	01-2119485493-29-XXXX
ETHYL ACETATE CAS : 141-78-6	FLAM. LIQ. 2 H225 EYE IRRIT. 2 H319 ACUTE TOX. 3 H336	F R11 Xi R36, R66, R67	12.0 – 20.0 %	01-2119475103-46-XXXX
NITROCELLULOSE CAS : 9004-70-0	FLAM. LIQ. 1 H224	F R11	11.0 – 15.0 %	Polymer
ISOPROPYL ALCOHOL CAS : 67-63-0	FLAM LIQ. 2 H225 EYE IRRIT. 2 H319 STOT SE 3 H336	F R11 Xi R67	5.0 – 6.0 %	01-2119457558-25-XXXX

- **ADDITIONAL INFORMATION:** For the wording of the listed risk phrases refer to section 16.

**SECTION 4: FIRST AID MEASURES**

◆ **4.1 - DESCRIPTION OF FIRST AID MESURES**

- **SKIN CONTACT:** Remove contaminated clothing and wash before reuse. Remove and destroy contaminated shoes. Flush with plenty of water.
- **INHALATION:** Remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Get medical attention.
- **INGESTION:** Get medical attention **IMMEDIATELY**.
- **EYE CONTACT:** Immediately wash the eyes with plenty of water for at least 10 min holding the eye open. Obtain medical attention urgently.

◆ **4.2 - MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED**

- **EFFECTS OF OVEREXPOSURE:** Cause eye irritation. Harmful if swallowed. May cause nose and throat irritation. Causes skin irritation. May affect the brain or nervous system, causing dizziness, headache or nausea. Harmful if inhaled.

- OTHER EFFECTS OF OVEREXPOSURE MAY INCLUDE: Narcosis, conjunctivitis, loss of coordination, vomiting, lacrimation, redness and swelling of eyes, difficulty with speech, reduced visibility, abdominal pain, swelling and redness of skin, fatigue, cough, dermatitis, drowsiness, unconsciousness.
- PRIMARY ROUTE(S) OF ENTRY: Inhalation, skin contact, eyes.
- MEDICAL CONDITIONS THAT CAN BE AGGRAVATED : Non Applicable
- CHRONIC HEALTH HAZARDS: Non Applicable
- REPEATED OVEREXPOSURE TO THIS PRODUCT MAY CAUSE: Lung damage, liver abnormalities, kidney damage, central nervous system damage, blood effects.
- In accordance with 29CFR1910.1200, this product contains no ingredients listed by NTP, IARC or OSHA as carcinogenic.
- NOTICE: Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents of this package may be harmful or fatal.

#### ◆ **4.3 - IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED**

No further relevant information available

### SECTION 5: FIREFIGHTING MEASURES

#### ◆ **5.1 - EXTINGUISHING MEDIA**

Foam, Carbon Dioxide or Dry Chemical.

#### ◆ **5.2 - SPECIAL FIREFIGHTING PROCEDURES**

Water may be ineffective in fighting fire. If water is used to cool closed containers to prevent pressure build-up, fog nozzles are preferred. Full protective equipment, including self-contained breathing apparatus is needed to protect fire-fighters from exposure to coating's hazardous ingredients and hazardous decomposition products.

#### ◆ **5.3 - FOR FIREFIGHTERS**

Wear chemical safety goggles or a visor-style protector to prevent substance from splashing the face. During emergency conditions, overexposure to decomposition products may cause a health hazard; symptoms may not be immediately apparent. Obtain medical attention.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

#### ◆ **6.1 - PERSONAL PRECAUTIONS**

Avoid contact with the skin and the eyes. Keep away from heat and sources of ignition. Provide adequate ventilation.

#### ◆ **6.2 - ENVIRONMENTAL PRECAUTIONS**

Prevent further leakage or spillage. Do not discharge into the drains/surface waters/groundwater.

#### ◆ **6.3 - METHODS FOR CLEANING UP**

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal. Dispose of in accordance with local regulations.

#### ◆ **6.4 - ADDITIONAL INFORMATION**

Consult trained personnel. Consider the information for "Personal Protection" in chapter 8 of this Safety Data Sheet.

### SECTION 7: HANDLING AND STORAGE

### ◆ 7.1 - PRECAUTIONS FOR SAFE HANDLING

When using, do not eat, drink or smoke. Take off all contaminated clothing immediately. Wash hands before breaks and immediately after handling the product.

Provide sufficient air exchange and/or exhaust in work rooms.

### ◆ 7.2 - PRECAUTIONS FOR SAFE STORAGE

Store in well-ventilated area. Keep containers (solvent resistant) closed when not in use. Store away from ignition sources. All equipment should be grounded. Avoid strong oxidizing agents, store in a clean, dry area.

### ◆ 7.3 - OTHER PRECAUTIONS

All precautions must be observed. Empty container may retain product residues (vapor or liquid).

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

### ◆ 8.1 - EXPOSURE LIMITS

COMPOSANT	CAS N°	DESC.	VALEUR	UNITE	COMMENTAIRES
BUTYL ACETATE <Acetic acid, Butyl Ester>	123-86-4	Press de Vap	15.0	mm/Hg	25°C
		Press de Vap	45.0	mm/Hg	50°C
		PEL-TWA	150.0	ppm	
		TLV-STEL	200.0	ppm	15 Minutes
		PEL-STEL	200.0	ppm	15 Minutes
ETHYL ACETATE	141-78-6	Press de Vap	100.00	mm/Hg	27 °C
		Press de Vap	200.00	mm/Hg	42°C
		PEL-TWA	400.0	ppm	
ISOPROPANOL <ISOPROPYL ALCOHOL>	67-63-0	Press de Vap	40.0	mm/Hg	23.8°C
		Press de Vap	100.0	mm/Hg	39.5°C
		PEL-TWA	400.0	ppm	
		TLV-STEL	500.0	ppm	15 Minutes
		PEL-STEL	500.0	ppm	15 Minutes

### ◆ 8.2 - PERSONAL PROTECTION

- RESPIRATORY PROTECTION: Wear an appropriate, properly fitted respirator (NIOSH/MSHA approved) during application and handling unless air monitoring demonstrates vapor /mist levels below applicable limits. Follow respirator manufacturer's recommendations for selection and use.
- VENTILATION: Sufficient ventilation must be provided to maintain airborne concentrations below TLV, PEL and LEL Limits as listed in Section 8.
- PROTECTIVE GLOVES: Chemical resistant protective gloves (such as Neoprene or Butyle rubber) should be worn when handling this product. Check with glove manufacturer to determine proper glove type.
- EYE PROTECTION: Splash-proof chemical goggles should be worn.
- OTHER PROTECTIVE EQUIPMENT: Impervious clothing and boots should be worn. Eye bath and safety shower should be provided.
- HYGENIC PRACTICES: Good personal hygiene practices are required at all times when handling chemicals. These practices include, but are not limited to, washing when safety equipment is removed, at the end of each shift or when going on breaks and especially if contamination occurs.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Form:</b> Viscous Liquid		
<b>Color:</b> Black or White		
<b>Odor:</b> Fruity (Esters)		
<b>Olfactive Threshold:</b> 50 Ppm (Ethyl Acetate)		
<b>Melting Point:</b> - 84 °C (Ethyl Acetate)		
<b>Boiling Point:</b> 77°C At 1013 Hpa (Ethyl Acetate)		
<b>Boiling Range:</b> 77 To 130°C		
<b>Specific Gravity:</b> 0.980 - 1.020		
<b>Vapor Pressure (Hpa):</b> 100 (20°C) (Ethyl Acetate)		
<b>Vapor Density (Relative : Air = 1):</b> (300°C) 2.7-3.5 g/cm		
<b>Flash Point:</b> - 5 °C/ >80°		
<b>Auto Ignition Temperature:</b> 460 °C		
<b>Flammable Limits (% V /V):</b>		
	<u>Upper</u>	<u>Lower</u>
Ethyl Acetate	11.0	2.2
Butyl Acetate	7.6	1.7
Isopropanol	12.0	1.8
<b>Ph:</b> Not Applicable		
<b>Solubility In Water:</b> Insoluble/ Soluble in water (60°C)		
<b>Water/Octanol Distribution Coeff:</b> Log Kow = 0.60 (Ethyl Acetate)		
<b>Evaporation Rate:</b> Slower Than Ether		
<b>Viscosity (Brookfield):</b> 29-37 g/ 100mL		

## SECTION 10: STABILITY AND REACTIVITY

### ◆ 10.1 - REACTIVITY

Material is STABLE under non-emergency conditions.

### ◆ 10.2 - CHEMICAL STABILITY

Material WILL NOT undergo hazardous polymerization.

### ◆ 10.3 - HAZARDOUS REACTION

When heated to biodegradable, may produce carbon dioxide and carbon monoxide.

Hazardous Polymerization: will not occur.

### ◆ 10.4 - CONDITIONS TO AVOID

Heat, sparks, extreme temperature, and open flames.

### ◆ 10.5 - MATERIALS TO AVOID

Sodium hydroxide, nitric acid, oxidizers, acids, alkali, metal, and amines.

### ◆ 10.6 - HAZARDOUS DECOMPOSITION PRODUCTS

Methane, oxides of nitrogen, carboxylic acids, various hydrocarbons, oxides of carbon, aldehydes, hydrogen cyanide, acids.

SECTION 11: TOXICOLOGICAL INFORMATIONS			
INGREDIENT	LD50 (Oral, Rat)	LC50 (Inhal, Rat)	LC50 (Dermal, Rabbit)
BUTYL ACETATE	14000 mg/Kg	2000 ppm	
ETHYL ACETATE	11300 mg/Kg	1600 ppm (8h)	
ISOPROPYL ALCOHOL	5840 mg/Kg	16000 ppm (8h)	13000 mg/Kg

- **INGESTION:** Important ingestion can cause nausea and a great narcosis with weakness, drowsiness and loss of consciousness
- **INHALATION:** Can cause irritation of the nose and the throat. At high concentration can cause narcosis.
- **CONTACT WITH THE SKIN:** Remove product from the skin using isopropyl alcohol or acetone. Prolonged contact can cause irritation.
- **CONTACT WITH THE EYES:** Can cause irritation of the conjunctive. Can cause injury of the cornea. Remove any contact lenses, flush with water for 15 minutes and consult physician if irritation persists.
- **INGESTION:** Call physician

#### SECTION 12: ECOTOXICOLOGICAL INFORMATIONS

- **WATER HAZARD CLASS: WGK1:** Slightly hazardous for water. Any reject of this product in the sewer or stream must be avoided.

#### SECTION 13: DISPOSAL CONSIDERATIONS

- Incinerate in a furnace where permitted under national and local regulations.

#### SECTION 14: TRANSPORT INFORMATIONS

- **ROAD TRANSPORT**

Technical name: PAINT (Source of danger: Ethyl acetate, Butyl acetate, Nitrocellulose, Isopropyl alcohol)  
ADR Class: 3  
ADR Pack group: II  
Tunnels Restriction Code: D/E  
Danger label: 3  
Kemler number: 33  
UN Number: 1263

- **MARITIME TRANSPORT**

Technical name: PAINT (Source of danger: Ethyl acetate, Butyl acetate, Nitrocellulose, Isopropyl alcohol)  
UN Number: 1263  
IMDG Class: 3  
Marine pollutant: No  
Ems Number: F-E, S-D  
IMDG Pack Group: II  
Danger label: 3  
Flash point: -5°C

**Other indications relative to maritime transport:**

-Not viscous product as per IMDG code 2.3.2.5

-Limited Quantity: 5l/30kg (gross)

-Certified packaging: Internal packaging metal, glass, plastic  
External packaging: Carton 4G

- **IATA**

Technical name: PAINT (Source of danger: Ethyl acetate, Butyl acetate, Nitrocellulose, Isopropyl alcohol)

UN Number: 1263

IATA Class: 3

Danger label: 3

Pack Group: II

Packing instructions: 353(Passenger) – Maximum Quantity 5l  
364(Cargo) – Maximum Quantity 60l

#### SECTION 15: REGULATORY INFORMATIONS

No other data.

#### SECTION 16: OTHER INFORMATIONS

**CANADIAN WHMIS:** THIS PRODUCT IS A CONTROLLED PRODUCT UNDER CANADA'S WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM. It contains the following toxic or highly toxic materials: Mica.

**NEW JERSEY'S RIGHT TO KNOW PROGRAM:** This product contains the following chemicals: Mica.

#### Relevant Phrases

H224 Extremely flammable liquid and vapor

H225 Highly flammable liquid and vapor

H226 Flammable liquid and vapor

H319 Cause serious eye irritation

H336 May cause drowsiness and dizziness

R10 Flammable

R11 Highly Flammable

R66 Repeated exposures may cause skin dryness and cracking

R67 Vapors may cause drowsiness and dizziness

Issue Date: 7 March 2017

Revision Number: 1

Abbreviations used: n/d/a – no data available

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#### DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of Wildflowers Studios, LLC's knowledge and belief, accurate and reliable as of the date compiled. However, the data are not to be taken as a warranty or representation for which Wildflowers Studios, LLC assumes legal responsibility. They are offered solely for your consideration, investigation and verification. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use. Any use of these data information must be determined by the user to be in accordance with applicable Federal, state and local laws regulations.

Wildflowers Studios, LLC requires all Customers who receive this Security Data Record to study it carefully in order to be informed of any dangers presented by the product. As far as security is concerned, the Customer should:

- Inform his employees, agents and sub-contractors of information contained in this form.
- Supply one copy of this form to each one of his/her own Customers for this product.
- Ask for these same Customers to inform in turn their own Employees and Customers.