



SAFETY DATA SHEET

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Date Issued : 12/17/2013
MSDS No : SN381-4226
Date-Revised : 05/07/2014
Revision No : 1

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT DESCRIPTION: SN381-4226 - Fast Set Polymer Dark Pink
MANUFACTURER

Signature Nail Systems LLC

9050 16th Place

Vero Beach FL 32966

Emergency Contact: SNS

Emergency Phone: 888-445-2786

Alternate Emergency Phone: 772-527-3087

Service Number : 772-987-3050

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

Routes of Exposure: Inhalation, Skin or Eyes.

Physical Hazards: Sweep up spills to avoid slipping hazard. Keep airborne particulates at a minimum when cleaning up spills since polymer dust is combustible. OSHA regulates this material as Particles Not Otherwise Regulated (PNOR).

Acute Health Hazards: See section 11 for more information.

Eyes: May be irritating to the eyes by gross overexposure, no matter how generated. Symptoms of overexposure may include redness, itching, irritation and watering. Keep dust out of eyes.

Skin: May be irritating to skin in some sensitive individuals, especially after prolonged and/or repeated contact.

Inhalation: May be irritated by gross overexposure, no matter how generated.

Ingestion: Not expected to cause any harmful effects. Ingestion of large amounts may be irritating if product is swallowed, may cause nausea, headache, vomiting and/or diarrhea.

Conditions Aggravated by Exposure: None known.

Chronic Health Hazards: None known. See section 11 for details.

Carcinogenicity: See section 11 for details.

Potential Environmental: See section 12 for details.

3. COMPOSITION / INFORMATION ON INGREDIENTS

ITEM	CHEMICAL NAME	CAS #:	EINECS #	R Phrases	WT/WT %
01	Polymer	9003-42-3	NA	NA	60.0-100.0
02	Benzoyl Peroxide	94-36-0	202-327-6	R36, R43	1.0-5.0



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4. FIRST AID MEASURES

EMERGENCY AND FIRST AID PROCEDURES:

EYES: If product gets in the eyes, flush with lukewarm water for at least 15 minutes. If irritation occurs, contact a physician.

SKIN: Rinse thoroughly with lukewarm water, followed by a thorough washing of the affected area with soap and water. If irritation, redness or swelling persists, contact a physician immediately.

INHALATION: Remove to fresh air. Seek immediate medical attention.

INGESTION: If ingested, do not induce vomiting. If product has been swallowed, drink plenty of water or milk IMMEDIATELY. If the patient is vomiting, continue to offer water or milk. Never give anything by mouth to an unconscious person. Provide an estimate of the time at which the material was ingested and the amount of the substance that was swallowed. Get medical attention immediately.

CLOTHING: Remove contaminated clothing, wash thoroughly before reuse.

TREATMENT: Treat symptoms conventionally, after thorough decontamination.

NOTE TO PHYSICIANS: None available.

5. FIRE FIGHTING MEASURES

FLASH POINT: Refer to Section 9 for details.

SUITABLE EXTINGUISHING MEDIA: Water, carbon dioxide, dry chemical.

UNSUITABLE EXTINGUISHING MEDIA: Water may not be effective in extinguishing this fire.

PRODUCTS OF COMBUSTION: Methacrylate monomer and oxides of carbon when burned.

FIRE AND EXPLOSION HAZARDS: Polymer dust is combustible. The explosive limits of the polymer particles suspended in air are approximately those of coal dust.

SPECIAL FIRE FIGHTING PROCEDURES: Avoid extinguishing methods, which may generate dust clouds. Water stream can disperse dust into air producing a fire hazard and possible explosion hazard if exposed to ignition source. Do not enter fire area without proper protection. Fight fire from a safe location. Structural firefighters must wear SCBAs and full protective equipment.

SENSITIVE TO MECHANICAL IMPACT: No.

SENSITIVE TO STATIC DISCHARGE: No.



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6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:

Review Section 5 before proceeding with clean-up. Individuals involved must wear appropriate Personal Protective Equipment that is specified in Section 8. Deny entry to all unprotected individuals. Remove any contaminated clothing and wash thoroughly before reuse.

ENVIRONMENTAL PRECAUTIONS:

Keep spills and cleaning runoffs out of municipal sewers and open bodies of water. US Regulations (CERCLA) require reporting spills and releases to soil, water and air in excess of reportable quantities. The toll free number for the US Coast Guard National Response Center is (800) 424-8802.

METHODS FOR CONTAINMENT:

NA

METHODS FOR CLEAN-UP:

Sweep up to avoid slipping hazard. Keep airborne particulates at a minimum when cleaning up spills. Place into appropriate closed container(s) for disposal in accordance with local, state and federal regulations. Refer to Section 13 for additional information. Wash all affected areas with plenty of warm water and soap.

7. HANDLING AND STORAGE

HANDLING PROCEDURES:

Use in well ventilated areas. Avoid breathing dust. Refer to Section 8 for suggested exposure controls and personal protection. Observe precautions found on label. Avoid contact with skin, eyes and clothing. Use good personal hygiene and housekeeping.

STORAGE PROCEDURES:

Store containers in a cool, dry location, away from direct sunlight, heat, sparks, flame, other light sources, or sources of intense heat. Keep container closed to prevent water absorption and contamination.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ITEM*	ACGIH		OSHA	
	TLV-TWA	TLV-STEL	PEL TWA	PEL CEILING
Polymer	NE	NE	15 mg/m ^{3**}	NE
Benzoyl Peroxide	5 mg/m ³	NE	5 mg/m ³	NE

* Abbreviations can be found in Section 16

** OSHA regulates this material as PNOR – Particles Not Otherwise Regulated.

ENGINEERING CONTROLS:

Use local ventilation that is adequate to keep employee exposure to airborne concentrations below exposure limits. Please refer to the ACGIH document, *Industrial Ventilation, A Manual of Recommended Practices*, most recent edition, for details. Use local exhaust at processing equipment, including buffers, sanders, grinders and polishers.

RESPIRATORY PROTECTION:

A respirator should be worn whenever workplace conditions warrant a respirators use. None required if airborne concentrations are maintained below the exposure limit listed above. If necessary, use only respiratory protection authorized per U.S. OSHA's requirement in 29 CFR §1910.134 or other appropriate governing standard.

EYE/FACE PROTECTION:

Depending on the use of this product safety glasses or goggles may be worn. If necessary, refer to U.S. OSHA 29 CFR §1910.133, or other appropriate governing standard. Ensure that an eyewash station, sink or washbasin is available in case of exposure to eyes.



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HAND/SKIN PROTECTION:

Avoid skin contact. Wear chemical resistant gloves for routine industrial use. If necessary, refer to U.S. OSHA 29 CFR §1910.138, or other appropriate governing standards. No special body protection is required under typical circumstances of use and handling.

GENERAL HYGIENE CONSIDERATIONS:

Wash thoroughly after handling. An eyewash station and a safety shower are recommended. Food, beverages, and tobacco products should not be carried, stored, or consumed where this material is in use. Wash hands thoroughly before eating, drinking, or smoking.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE/COLOR:	Fine clear to pigmented powder.
PHYSICAL STATE:	Powder
ODOR:	Faint odor in bulk.
ODOR THRESHOLD:	ND
pH:	ND
FREEZING POINT:	NA
BOILING POINT:	NA
FLASH POINT (closed cup):	>93 °C, 200 °F
EVAPORATION RATE (BuAc =1):	ND
FLAMMABLE LIMIT, AIR VOL% LOWER:	NA
UPPER:	NA
VAPOR PRESSURE:	NA
VAPOR DENSITY (AIR=1):	NA
RELATIVE DENSITY:	NA
SPECIFIC GRAVITY (H ₂ O=1):	ND
SOLUBILITY IN WATER:	Insoluble.
AUTOIGNITION TEMPERATURE:	NE
DECOMPOSITION TEMPERATURE:	NE
PERCENT VOLATILE W/W%:	NA

10. STABILITY AND REACTIVITY

STABILITY: UNSTABLE: STABLE: X

CONDITIONS TO AVOID: Heating above 240 °C, 464 °F.

INCOMPATIBLE MATERIALS: Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Methacrylate monomer and oxides of carbon when burned.

HAZARDOUS POLYMERIZATION: MAY OCCUR: WILL NOT OCCUR: X

POSSIBILITY OF HAZARDOUS REACTIONS: MAY OCCUR: WILL NOT OCCUR: X



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11. TOXICOLOGICAL INFORMATION

TARGET ORGANS:

For Polymer: None Listed.

SYMPTOMS:

Refer to Section 2 for information.

IMMEDIATE/DELAYED EFFECTS:

Refer to Section 2 for information.

TOXICITY DATA:

This product has NOT been tested on animals to obtain toxicology data. There are extensive toxicological data available on the various components of this product. An adequate representation of all these data is beyond the scope of this document. If you need more information, please contact Esschem at the telephone number found in Section 1.

SENSITIZATION:

No data available.

IRRITANCY:

No data available.

CHRONIC EXPOSURE:

Carcinogenicity: IARC lists Benzoyl Peroxide as Group 3, not classifiable as to its carcinogenicity to humans. None of the components of this material are listed by IARC, NTP, OSHA, or ACGIH as carcinogens.

Reproductive Toxicity: This product is not reported to cause reproductive effects in humans.

Teratogenicity: This product is not reported to cause teratogenic effects in humans.

Mutagenicity Data: This product is not reported to produce mutagenic effects in humans. Benzoyl Peroxide has been investigated as a tumorigen and mutagen.

NAME OF TOXICOLOGICALLY SYNERGISTIC PRODUCTS:

No data available.

12. ECOLOGICAL INFORMATION

ECOTOXICITY:

AQUATIC:

There is no specific data available for this product; however, very large releases of this product may be harmful or fatal to overexposed aquatic life. There may be data available on the various components of this product. An adequate representation of all these data is beyond the scope of this document. If you need more information, please contact Esschem at the telephone number found in Section 1.

SOIL:

No data available.

AIR:

No data available.

ENVIRONMENTAL FATE:

Persistence and Degradability:

Biodegradation:

Not known.

Bioaccumulative Potential:

Not known.

Mobility in soil:

Not known.

Other Adverse effects:

None known.



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13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD:

Dispose waste material in accordance with Federal, State, and Local regulations.

DISPOSAL OF EMPTY CONTAINERS:

Reuse of empty drums or containers is not recommended. Dispose of all empty containers properly, in accordance with Federal, State and Local regulations.

14. TRANSPORT INFORMATION

DOT (GROUND)

PROPER SHIPPING NAME: Not regulated.

TECHNICAL NAME: NA

DOT/UN CLASS: NA

NA/UN NUMBER: NA

PACKING GROUP: NA

DOT RQ: NA

MARINE POLLUTANT: No.

15. REGULATORY INFORMATION

United States:

OSHA: This material is considered Hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200) as Particles Not Otherwise Regulated (PNOR).

TSCA Inventory Status: The components of this product are listed or are excluded from listing on the TSCA Inventory.

SARA Section 302: There are no specific Threshold Planning Quantities for the components of this product.

SARA Section 311/312: Acute Health;

SARA Section 313: This product contains Benzoyl Peroxides and may require reporting under this section. Contact Esschem if additional information is required.

CERCLA Reportable Quantity (RQ): NA

State Regulatory Information: This product may contain components that are covered under specific state criteria.

California Prop 65: NA

Canada:

DSL/NDSL: The components of this product are listed on the DSL.

WHMIS Hazard Class: Uncontrolled Product.

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR. None of the components of this product are listed on the Priorities Substances List.

Europe:

EINECS: The components of this product are listed or exempt from listing in EINECS.

Candidate List: NA.

CSR Available: No.



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16. OTHER INFORMATION

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM (HMIS) RATING:

HEALTH:	1
FLAMMABILITY:	1
REACTIVITY:	0
PERSONAL PROTECTIVE EQUIPMENT:	Gloves and Safety Glasses or Chemical Splash Goggles.

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) HAZARD IDENTIFICATION RATING:

HEALTH:	1
FLAMMABILITY:	1
REACTIVITY:	0
SPECIAL INFORMATION:	NA

To the best of our knowledge, the information contained herein is accurate. However, Signature Nail Systems LLC. does not assume any liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.