

# MATERIAL SAFETY DATA SHEET

## SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Simplicite' Nail Powder - Ice

Part Number:

GENERAL USE: Protective Coating

PRODUCT DESCRIPTION: Opaque powder



MANUFACTURER'S NAME

Nail Systems International

DATE PREPARED: January 19, 2003

SUPERSEDES: October 15, 2001

Page 1 of 4

ADDRESS (NUMBER, STREET, P.O. BOX)

2 Union Hill Road

TELEPHONE NUMBER FOR INFORMATION

(610) 825-1524

(CITY, STATE AND ZIP CODE)

W. Conshohocken, PA 19428

COUNTRY

USA

EMERGENCY TELEPHONE NUMBER

Infotrac (800) 535-5053 Outside USA (352) 323-3500

DISTRIBUTOR'S NAME

Same

ADDRESS (NUMBER, STREET, P.O. BOX)

TELEPHONE NUMBER FOR INFORMATION

(CITY, STATE AND ZIP CODE)

COUNTRY

EMERGENCY TELEPHONE NUMBER

## SECTION 2 - HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS	% (by weight)	CAS #	EINECS #	Hazard Symbol	RISK PHRASES Full Text Section 16
Ethyl Methacrylate Homopolymer	99.2	Not specified	Not specified	None	Not classified
Benzoyl peroxide (a,b)	0.8	94-36-0	202-327-6	E, Xi	R-2, 36, 43

(a) See Section 15

(b) OSHA (USA) proposed a regulation (29 CFR 1910.119) to monitor and control safety at certain types of industrial facilities. Compliance is triggered by specified quantities of specific chemicals. Minimum threshold quantity for this Highly Hazardous Chemical is 7500 lbs.

## SECTION 3 - HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW

Granular powder, airborne dust particles are harmful and irritating to respiratory tract. Contact with eyes may cause irritation. Product will support combustion if involved in a fire. Hazard symbols for this product: None. Risk Phrases - Not classified

### POTENTIAL HEALTH EFFECTS

**INHALATION:** Breathing airborne particles or dust from mixing, spraying, sanding, grinding, etc. may cause irritation to respiratory tract. Contains substances which are considered nuisance dusts which require a NIOSH approved respirator when airborne particulate exceeds maximum allowable limit.

**SKIN:** None expected, however, prolonged contact may cause irritation.

**EYES:** Contact with eyes may cause irritation.

**INGESTION:** Ingestion of large quantities may cause gastric distress, stomach pains, vomiting and diarrhea.

CARCINOGENICITY

NTP? No IARC MONOGRAPHS? No OSHA REGULATED? No

**MATERIAL SAFETY DATA SHEET**

PRODUCT NAME: Simplicity Nail Powder - Ice  
January 19, 2003

Page 2 of 4

**SECTION 4 - FIRST AID MEASURES**

INHALATION: Remove affected person to fresh air; if symptoms persist seek medical attention.

SKIN: Wash contacted area with soap and water; if irritation persists, seek medical attention.

EYES: Remove contact lenses. Flush eyes with clear running water for 15 minutes while holding eyelids open; if irritation persists, seek medical attention.

INGESTION: Give two glasses of water for dilution; DO NOT induce vomiting; never give anything by mouth to an unconscious person; seek medical attention.

**SECTION 5 - FIRE FIGHTING MEASURES**

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

EXTINGUISHING MEDIA  
Carbon dioxide, water fog, dry chemical, chemical foam

FIRE FIGHTING PROCEDURES  
Firefighters must wear full facepiece self - contained breathing apparatus in positive pressure mode. Do not use solid stream of water since stream will scatter and spread fire.

UNUSUAL FIRE AND EXPLOSION HAZARDS  
None

HAZARDOUS COMBUSTION PRODUCTS  
Smoke, fumes, oxides of carbon

**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Avoid breathing dust. Recover and segregate product for reuse; shovel product into approved container for disposal. Vacuum recovery must use HEPA filter.

**SECTION 7 - HANDLING AND STORAGE**

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Keep container closed when not in use; protect containers from abuse; store containers in cool, dry area. Keep this and other chemicals out of reach of children.

**SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION**

HAZARDOUS COMPONENTS	NIOSH				ACGIH			
	TWA ppm	TWA mg/m3	STEL ppm	STEL mg/m3	TWA ppm	TWA mg/m3	STEL ppm	STEL mg/m3
Ethyl Methacrylate Homopolymer		15				10		
Benzoyl peroxide (a,b)		15	--	--	--	5	--	--

**PERSONAL PROTECTION:**

RESPIRATORY PROTECTION (SPECIFY TYPE): NIOSH approved respirator designed to remove airborne particulate present in excess of maximum allowable concentrations due to secondary operations such as mixing, spraying, sanding, buffing, etc. Refer to 29 CFR 1910.134 or European Standard EN 149 for regulations.

PROTECTIVE GLOVES: None required

EYE PROTECTION: Protective eyeglasses or chemical safety goggles. Refer to 29 CFR 1910.133 or European Standard EN166.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Safety eyebath nearby

WORK / HYGIENIC PRACTICES: Practice safe workplace habits.

**MATERIAL SAFETY DATA SHEET**

PRODUCT NAME: Simplicity Nail Powder - Ice  
January 19, 2003

Page 3 of 4

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE AND ODOR Opaque granular powder, characteristic odor	VAPOR PRESSURE Not applicable
pH Not applicable	SPECIFIC GRAVITY (WATER = 1) Not determined
BOILING POINT / BOILING RANGE Not applicable	SOLUBILITY IN WATER Negligible
FLASH POINT 579° F (304° C)	VISCOSITY Powder
FLAMMABLE LIMITS LEL: Not applicable UEL: Not applicable	VAPOR DENSITY (AIR = 1) Not applicable
AUTOIGNITION TEMPERATURE Not determined	EVAPORATION RATE (WATER = 1) Not applicable

**SECTION 10 - STABILITY AND REACTIVITY**

STABILITY UNSTABLE: STABLE: XXX	CONDITIONS TO AVOID: Avoid generating airborne dust
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INCOMPATIBILITY (MATERIALS TO AVOID): Strong acids, strong oxidizers like peroxides may react with this product and create spontaneous combustion.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Decomposing the polymer may generate some organic esters, these may contain methacrylates. Other decomposition products include carbon monoxide, organic acids, aldehydes and alcohol.

HAZARDOUS POLYMERIZATION MAY OCCUR: WILL NOT OCCUR: XXX	CONDITIONS TO AVOID: None
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**SECTION 11 - TOXICOLOGICAL INFORMATION**

Hazardous Components	CAS # EINECS #	LD50 of Ingredient (Specify Species and Route)	LC50 of Ingredient (Specify Species)
Ethyl Methacrylate Homopolymer	Not specified Not specified	Not established	Not established
Benzoyl peroxide (a,b)	94-36-0 202-327-6	> 5000 mg / kg Oral - rat	> 24.3 mg / l / 4H Inhalation - rat

**SECTION 12 - ECOLOGICAL INFORMATION**

No data are available on the adverse effects of this material on the environment. Neither COD nor BOD data are available. Based on the chemical composition of this product it is assumed that the mixture can be treated in an acclimatized biological waste treatment plant system in limited quantities. However, such treatment should be evaluated and approved for each specific biological system. None of the ingredients in this mixture are classified as a Marine Pollutant.

**SECTION 13 - DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL METHOD: Dispose of in accordance with Local, State, and Federal Regulations. Product is classified as non - hazardous, however, non-hazardous materials may become hazardous waste upon contact with other products. Refer to "40 CFR Protection of Environment Parts 260 - 299" for complete waste disposal regulations. Consult your local, state, or Federal Environmental Protection Agency before disposing of any chemicals.

**SECTION 14 - TRANSPORT INFORMATION**

PROPER SHIPPING NAME: Not Regulated

DOT HAZARD CLASS / Pack Group: Not regulated  
REFERENCE: Not Applicable  
UN / NA IDENTIFICATION NUMBER: None  
LABEL: None Required  
HAZARD SYMBOLS: None

IATA HAZARD CLASS / Pack Group: Not regulated  
IMDG HAZARD CLASS: Not regulated  
RID/ADR Dangerous Goods Code: Not regulated  
UN TDG Class / Pack Group: Not regulated

Note: Transportation information provided is for reference only. Client is urged to consult CFR 49 parts 100 - 177, IMDG, IATA, EU, United Nations TDG, and WHMIS (Canada) TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials and methods of shipping.

**MATERIAL SAFETY DATA SHEET**

PRODUCT NAME: Simplicity Nail Powder - Ice  
January 19, 2003

**SECTION 15 - REGULATORY INFORMATION**

**TSCA (USA - Toxic Substance Control Act)**

All components of this product are listed on the U.S. Toxic Substances Control Act Chemical Inventory (TSCA Inventory) or are exempted from listing because a Low Volume Exemption has been granted in accordance with 40 CFR 723.50.

**SARA TITLE III (USA - Superfund Amendments and Reauthorization Act)**

311/312 Hazard Categories

None

313 Reportable Ingredients:

None

**CERCLA (USA - Comprehensive Response Compensation and Liability Act)**

None

**CPR (Canadian Controlled Products Regulations)**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

**IDL (Canadian Ingredient Disclosure List)**

Components of this product identified by CAS number and listed on the Canadian Ingredient Disclosure List are shown in Section 2.

**DSL / NDSL (Canadian Domestic Substances List / Non-Domestic Substances List)**

Components of this product identified by CAS number are listed on the DSL or NDSL and may or may not be listed in Section 2 of this document. Only ingredients classified as "hazardous" are listed in Section 2 unless otherwise indicated.

**EINECS (European Inventory of Existing Commercial Chemical Substances)**

Components of this product identified by CAS numbers are on the European Inventory of Existing Commercial Chemical Substances.

**RISK PHRASES:**

Not classified

**SYMBOL(S) REQUIRED FOR LABEL**

None

**SAFETY PHRASES:**

S22 Do not breathe dust.

**SECTION 16 - OTHER INFORMATION**

Notes & full R-Phrase text

R2 Risk of explosion by shock, friction, fire or other source of ignition.  
R36 Irritating to eyes.  
R43 May cause sensitization by skin contact.

HMIS HAZARD RATINGS

HEALTH	1	0 = INSIGNIFICANT	3 = HIGH
FLAMMABILITY	1	1 = SLIGHT	4 = EXTREME
REACTIVITY	0	2 = MODERATE	
PERSONAL PROTECTIVE EQUIPMENT	E	Safety Glasses, Gloves, Dust Respirator	

**REVISION SUMMARY:**

This MSDS has been revised in the following sections:

No revisions available

MSDS Prepared by: Comprehensive Data Base, Inc.  
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The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.