



## Material Safety Data Sheet - Foil

Date: 05-02-13

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### Section 1 – Identification of the Substance/Preparation and of the Company Undertaking

**Product Name:** Hot Stamping Foil

**Manufacturer:** Nail Perfection Ltd. The Side Office, Milton House, 114 Milton Road, Gravesend, Kent. DA12 2PF

**Emergency Phone Numbers:** +44 1474 748070

#### Product :

**Lecenté:** Multicolour Stone, Giraffe, Pure Gold, Holographic Pink, Holographic Silver, Leopard, Peacock, Pure Pink, Gold Sequin, Silver Cow, Pure Silver, Silver Zebra, Tiger, Purple, Aubergine, Bright Gold, Bright Silver, Gunmetal, Blue Sunset, Oil Slick, Rainbow, Blue, Magenta, Lime, Red, Turquoise, Lilac, Pink Lace, Antique, Caramel, Wine, Corn Flower, Rainbow Black, Gold pebble, Gold hessian, Silver Stars, Green Dragon.

#### 1.2. Use of substance/preparation

Being used on paper, vinyl, textile, hard plastic, leather and other materials to produce attractive designs.

### Section 2 – Hazards Identification

#### Classification of substance or mixture

#### Classification according to regulation (EC) No. 1272.2008

This product is not classified according to the CLP regulation.

*Classification according to Directive 67/548/EEC or Directive 1999/45/EC Not applicable*

#### Label elements

**Labelling according to Regulation (EC) No 1272/2008** Not applicable

**Hazard pictograms** Not applicable

**Signal word** Not applicable

**Hazard determining components of labelling** Not applicable

**Hazard statements** Not applicable

**Precautionary statements** Not applicable

**Other hazards** Not applicable

#### Results of PBT and vPvB assessments

**PBT** Not applicable

**vPvB** Not applicable

### Section 3 - COMPOSITION/INFORMATION ON INGREDIENTS

#### Chemical characterisation: Mixtures

#### Description:

Mixture of the substances listed below with nonhazardous additions.

For the wording of the listed risk phrases refer to section 16

Dangerous Components			
CAS: 7429-90-5	Aluminium	N R50	0.18-0.2%
EINECS:231-072-3		Aquatic Acute 1, H400	
Non Dangerous Components			
25038-59-9	Polyethylene Terephthalate		84-88%
9003-01-4	Polyacrylic acid		7-8%
9009-54-5	Polyurethane foam		5.6 – 7.5%

## **Section 4 First Aid Measures**

### **Description of first aid measures**

**After inhalation** Supply fresh air, consult doctor in case of complaints

**After skin contact** Immediately rinse with water

**Eye Contact** Rinse opened eye for several minutes under running water.

**After swallowing** Rinse out mouth with water, call for a doctor

### **Information for doctor**

Most important symptoms and effects both acute and delayed No further relevant information available

### **Indication of any immediate medical attention and special treatments needed**

No further relevant information available

## **5. FIRE FIGHTING MEASURES**

### **Extinguishing media**

**Suitable Extinguishing agents** CO2 powder or water spray, fight larger fires with water spray or alcohol resistant foam

**Special hazards arising from the substance or mixture** No further relevant information available

### **Advice for fire-fighter**

**Protective equipment** Wear fully protective suit, mouth respiratory protective device Protective equipment: No special measures required

## **6. ACCIDENTAL RELEASE MEASURES**

### **Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation

Avoid formation of dust

Keep away from ignition sources

Use respiratory protective device against the effects of fumes/dust/aerosol

### **Environmental precautions**

Do not allow to enter sewers/surface or ground water

### **Methods and material for containment and cleaning up**

Pick up mechanically

Dispose contaminated material as waste according to item 13

### **Reference to other section**

See section 7 for information on safe handling

See section 8 for information on personal protection equipment

See section 13 for disposal information

## **7. HANDLING & STORAGE**

### **Handling**

#### **Precautions for safe handling**

Keep receptacles tightly sealed

Keep away from heat and direct sunlight

Ensure good ventilation/exhaustion at the workplace

Prevent formation of dust

#### **Information about fire and explosion protection**

Normal measures for preventative fire protection

### **Storage**

Conditions for safe storage, including any incompatibilities

Requirements to be met by store rooms and receptacles

Store in a cool location

Information about storage in one common storage facility

Store away from foodstuffs

Store away from flammable substances

Store away from oxidising agents

**Further information about storage conditions:** Store in cool, dry conditions in well sealed receptacles  
**Specific end use (s):** No further relevant information available

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Additional information about design of technical facilities

No further data; see item 7

### Control parameters

### Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored in the workplace

**DNELs:** Data not available

**PNECs:** Data not available

**Additional information:** The lists valid during the making were used as basis

### Exposure controls

**Based on the composition shown in Section 3, the following measures are suggested for occupational safety measure**

### Personal Protective equipment

**General protective and hygiene measures:** The usual precautionary measures are to be adhered to when handling chemicals

**Respiratory protection:** Suitable respiratory protective device recommended

**Protection of hands:** Protective gloves



The glove material has to be impermeable and resistant to the product/the substance/the preparation. Due to missing tests no recommendation to the glove material can be given for the product/the preparation/the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

### Material of gloves:

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

### Penetration time of glove material:

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

### Eye protection



Tightly sealed goggles

## 9. PHYSICAL & CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

#### General information

#### Appearance

<b>Form:</b>	Solid
<b>Colour:</b>	Various
<b>Odour:</b>	Odourless
<b>Odour threshold:</b>	Data not available

<b>PH Value:</b>	Data not available
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<b>Change in condition:</b>	
<b>Melting point/melting range:</b>	Data not available
<b>Freezing point:</b>	Data not available
<b>Boiling point/boiling range:</b>	Data not available
<b>Flash point</b>	Data not available
<b>Flammability (solid/gaseous):</b>	Data not available
<b>Auto-ignition temperature:</b>	Data not available
<b>Decomposition temperature:</b>	Data not available
<b>Self igniting:</b>	Data not available
<b>Explosive properties:</b>	Product does not present an explosion hazard
<b>Explosion limits</b>	
<b>Lower:</b>	Data not available
<b>Upper:</b>	Data not available
<b>Oxidizing properties:</b>	Data not available
<b>Vapour pressure:</b>	Data not available
<b>Density:</b>	Data not available
<b>Relative density:</b>	Data not available
<b>Vapour density:</b>	Data not available
<b>Evaporation rate:</b>	Data not available
<b>Solubility in/miscibility with water:</b>	Data not available
<b>Partition coefficient (n-octanol/water):</b>	Data not available
<b>Viscosity:</b>	
<b>Dynamic:</b>	Data not available
<b>Kinematic:</b>	Data not available
<b>Other information:</b>	Data not available

## 10. STABILITY & REACTIVITY

**Reactivity** No decomposition if used according to specifications

**Chemical stability** Stable under recommended storage conditions

**Possibility of hazardous reactions** No dangerous reactions known

**Conditions to avoid** No further relevant information available

**Incompatible materials** Strong oxidising agent

**Hazardous decomposition products** No dangerous decomposition products known

## 11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity

LD/LC50 values relevant for classification:		
25038-59-9 polyethylene Terephthalate		
Oral	LD50	>5000mg/kg rat
9004-01-4 Polyacrylic acid		
Oral	LD50	4600mg/kg (mouse) 2500mg/kg (rat)

**Primary Irritant effect on the skin:** Irritating effect possible

**Primary Irritant effect on the eye:** Irritating effect possible

**Sensitisation:** Sensitisation possible

**Toxicokinetics, metabolism and distribution:** No further relevant information available

**Acute effects (acute toxicity, irritation and corrosivity):** No further relevant information available

**Repeated dose toxicity:** No further relevant information available

**CMR effects (carcinogenicity, Mutagenicity and toxicity for reproduction):** No further relevant information available

## 12. ECOLOGICAL INFORMATION

### Toxicity

**Aquatic toxicity:** No further relevant information available

**Persistence & degradability:** No further relevant information available

**Behaviour in environmental systems:** No further relevant information available

**Bio accumulative potential:** No further relevant information available

**Mobility in soil:** No further relevant information available

### Additional ecological information:

#### General notes:

Water hazard class I (German regulation) (Self assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Results of PBT and vPvB assessment

**PBT:** Not applicable

**vPvB:** Not applicable

**Other adverse effects:** No further relevant information available

## 13. DISPOSAL CONSIDERATIONS

### Waste treatment methods:

**Recommendation:** smaller quantities can be disposed with household waste

### Uncleaned packaging

## 14. TRANSPORT INFORMATION

### UN – Number

ADR, IMDG, IATA – Not applicable

### UN proper shipping name

ADR, IMDG, IATA – Not applicable

### Transport hazard class (es)

ADR, IMDG, IATA

Class – Not applicable

### Packing group

ADR, IMDG, IATA

### Environmental hazards

Marine Pollutant – No

Special precautions for user – Not applicable

Transport in bulk according Annex II of MARPOL73/78 and the IBC code – Not applicable

UN 'Model Regulation' N/A

## 15. REGULATORY INFORMATION

Safety, health & environmental regulations/legislation specific for the substance or mixture

<b>MAK (German maximum workplace concentration)</b>
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None of the ingredients is listed
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### National regulations:

**Waterhazard class:** Water hazard class I (Self assessment): slightly hazardous for water

### Other regulation, limitations and prohibitive regulations

<b>SVHC Candidate List of Reach Regulation Annex XIV Authorisation (18/6/2012)</b>
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None of the ingredients is listed
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<b>Reach Regulation Annex XVII Restriction (19/9/2012)</b>
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None of the ingredients is listed
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<b>Reach Regulation Annex XIV Restriction (14/2/2012)</b>
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None of the ingredients is listed
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**Chemical safety assessment:** A chemical safety assessment has not been carried out.

## **16. OTHER INFORMATION**

### **Relevant phrases**

**H400** Very toxic to aquatic life.

**R50** Very toxic to aquatic organisms.

The contents and format of this MSDS/SDS are in accordance with regulation (EC) No 1272/2008, REGULATION (EC) No 1907/2006, Regulation (EU) No 453/2010 and EU Commission Directive 1999/45/ EC 67/548/EEC.

### **DISCLAIMER OF LIABILITY:**

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### **Abbreviations and acronyms**

**ADR:** Accord European sur le transport des marchandises dangereuses par Route (European Agreement concerning the international Carriage of Dangerous Goods by Road.

**IMDG:** International Maritime Code for Dangerous Goods.

**IATA:** International Air Transport Association

**GHS:** Globally Harmonised System of Classification and Labelling of Chemicals

**DNEL:** Derived No-Effect level (REACH)

**PNEC:** Predicted No-effect concentration (REACH)

**LC50:** Lethal concentration – 50 percent

**LD50:** Lethal dose – 50 percent