



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

Form:	Solid
Colour:	Various
Odour:	Odourless
Odour threshold:	Data not available

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

MAK (German maximum workplace concentration)

None of the ingredients is listed

National regulations:

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

Other regulation, limitations and prohibitive regulations

SVHC Candidate List of Reach Regulation Annex XIV Authorisation (18/6/2012)
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None of the ingredients is listed

Reach Regulation Annex XVII Restriction (19/9/2012)
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None of the ingredients is listed

Reach Regulation Annex XIV Restriction (14/2/2012)

None of the ingredients is listed

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:

The information in this MSDS/SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of this product. This MSDS/SDS was prepared and is only to be used with this product. If the product is used as a component in another product, this MSDS/SDS information may not be applicable.

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