



HARLEQUIN NEON COLOUR POWDER SAFETY DATA SHEET

SECTION 1: MATERIAL & SUPPLY COMPANY IDENTIFICATION

1.1 Product Identifiers

Product Name: HarlequinNeon Colour Powder
Chemical Name: polyurethane-11 - Chromium oxide green

CAS Number.: 68258-82-2, 1308-38-9

1.2 Relevant identified uses of the substance or mixture

Colouring agent
Uses advised against : not known

1.3 Supplier Details

Supplier: Heirloom Body Care Pty Ltd
Address: Unit 9, 28 Coombes Drive Penrith NSW 2750 Australia
Telephone: 02 4722 2123
Fax: 02 4722 2904

1.4 Information in case of emergency

Poisons Information Centre 13 11 26

SECTION 2: HAZARD IDENTIFICATION

2.1 Classification of the substance / preparation

Classification of the substance or mixture

According to Regulation (EC) No.1272/2008(CLP) : not classified

According to Directive 67/548/EEC & Directive 1999/45/EC : not classified

Additional information : not available

Label elements

GHS label elements : not applicable

Hazard pictogram(s) : not applicable

Signal word(s) : not applicable

Hazard statement(s) : not applicable

Precautionary statement(s) : not applicable

Other hazards : not known

SECTION 3: PRODUCT COMPOSITION

3.1 Chemical Identification:

Chemical family : Polyurethane-11 - Chromium oxide green. Contains no hazardous ingredients

Common Chemical Name	CAS No	EINECS No	Colour Index	Chemical Composition	Hazard classification According to directive 67/548/EEC & Directive 1999/45/EC, Regulation (EC) No. 1272/2008(CLP)
Polyurethane-11	68258-82-2			98-99	Not classified



Chromium oxide green	1308-38-9	215-160-9	77288	1-2	Not classified
----------------------	-----------	-----------	-------	-----	----------------

3.2 Hazardous Components:

Contains no hazardous ingredients

SECTION 4: FIRST AID

4.1 Description of first aid measures

Eye Contact:	If this product comes in contact with eyes: - Wash out immediately with water. - If irritation continues, seek medical attention. - Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.
Skin Contact:	If skin or hair contact occurs: - Flush skin and hair with running water (and soap if available). - Seek medical attention in event of irritation.
Inhalation:	remove casualty to fresh air and keep at rest
Ingestion:	if ingested, wash out mouth with water, drink milk or egg white

4.2 Indication of immediate medical attention and any special treatment required

Both acute and delayed

Acute : none

Long term (repeated) : may cause irritation to the respiratory system. Cough. Increased difficulty in breathing

Indication of immediate medical attention and special treatment needed

Recommended :
a. Chest XRay
b. Lung functionality tests

SECTION 5: FIRE FIGHTING MEASURES

5.1 Extinguishing Media

- Suitable extinguishing media : extinguish with water spray, foam or dry chemical
- Unsuitable extinguishing media : carbon dioxide

5.2 Special hazards arising from the substance or mixture

Thermal hazards : noncombustible. None anticipated

Advice for firefighters : fire fighters should wear complete protective clothing including self contained breathing apparatus

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : do not breathe dust

Personal protection equipment : wear appropriate personal protective equipment, avoid direct contact

In case of emergency : a self contained breathing apparatus and suitable protective clothing should be worn in fire conditions



6.2 Environmental precautions

Do not allow to enter drains, sewers or watercourses

6.3 Methods and materials for containment and cleaning up

Collect mechanically and dispose of according to Section 13. Use vacuum equipment for collecting spilt materials, where practicable

Reference to other sections : see sections 8 and 13

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid breathing dust

7.2 Conditions for storage

Keep container in a well ventilated place

7.3 Specific end use(s)

Not known

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1 Control parameters

Provide adequate ventilation when using the material and follow the principles of good occupational hygiene to control personal exposures

Exposure limit values : not known

8.2 Exposure Controls

Appropriate engineering controls	- provide adequate ventilation to ensure that the occupational exposure limit is not exceeded. - Isolate the dispersive process step away from other operations. - This can be achieved by local exhaust ventilation or general ventilation
Hand, Eye and face protection	- Wear gloves, eye protection and an approved dust mask if dust is generated during handling. - Goggles giving complete protection to eyes. - Dust mask covering nose and mouth
Skin protection	Apron or other light protective clothing, boots and plastic or synthetic rubber gloves
Respiratory protection	dust mask covering nose and mouth
Thermal hazards	None
Environmental exposure controls	- Avoid dust generation. - Avoid accumulation of dust.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 General information

Form :	Powder
Colour :	Green
Odour :	Slight aldehyde odour
pH :	not applicable
Freezing point, °C :	not applicable



Specific gravity :	1.3
Softening point :	270-280 deg C
Vapour pressure :	not applicable
Solubility (in water) :	insoluble
Particle size :	1-5µm

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

there may be violent or incandescent reaction of the product with metals at high temperatures (e.g., aluminium; calcium; magnesium; potassium; sodium; zinc; lithium)

10.2 Chemical Stability

Stable under normal conditions

10.3 Possibility of hazardous reactions

None

10.4 Conditions to avoid

High temperature

10.5 Incompatible materials

Strongly acidic, strongly alkaline, oxidizing agents

10.6 Hazardous decomposition products

No information available

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Substance Acute toxicity

Information on toxicological effects

This inorganic pigment in general is considered to be practically non toxic.

Acute toxicity : not available

Carcinogenicity : not available

SECTION 12: ECOLOGICAL INFORMATION

12.1 Ecotoxicity

No data

12.2 Persistence and degradability

Insoluble in water. This product is predicted not to degrade in soil and water

12.3 Bio-accumulative potential

No data

12.4 Mobility in soil

Data not available



12.5 Results of PBT and vPvB assessment

Not applicable

12.6 Other adverse effects

Not known

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste Material

Waste treatment methods : dispose of contents in accordance with local, state or national legislation

SECTION 14: TRANSPORT INFORMATION

Not classed as dangerous for transport.

International Transport Regulations	ADR/RID	ADN	IMDG	ICAO/IATA
UN number	Not applicable	Not applicable	Not applicable	Not applicable
Proper shipping name	Not applicable	Not applicable	Not applicable	Not applicable
Transport hazard class(es)	Not applicable	Not applicable	Not applicable	Not applicable
Packing group	Not applicable	Not applicable	Not applicable	Not applicable
Environmental hazards	None	None	None	None
Special precautions for user	None	None	None	None
Transport in bulk according to Annex II of MARPOL73/78 and The IBC Code	Not applicable	Not applicable	Not applicable	Not applicable
Hazard label(s)	Not applicable			
Additional information	Custom tariff No. 32061900			

SECTION 15: REGULATORY INFORMATION

According to Directive 67/548/EEC & Directive 1999/45/EC : Not classified as dangerous for supply/use

Safety, health and environmental regulations/legislations specific for the substance or mixture : Not available

SECTION 16: OTHER INFORMATION

Annex to the extended Safety Data Sheet (eSDS)

ADR : European Agreement concerning international carriage of Dangerous goods by Road

CAS : Chemical Abstracts Service

EC : European Community

ICAO : International Civil Aviation Organization

IMDG : International Maritime Dangerous Goods

IATA : International Air Transport Association

DATA SOURCES

NPIRI Raw Material Handbook, Volume 4, Pigments, Second Edition, 2001



Heirloom Body Care

Unit 9, 28 Coombes Drive, Penrith NSW 2750 Australia | www.heirloombodycare.com.au | 02 4722 2123

Book on "Safe Handling of Pigments", European Edition 1995, BCMA, EPSOM ETAD, VdMi

HSDB

NIOSH ICSC

Hazardous Substance Fact Sheet, New Jersey Department of Health and Senior Service

We have described our product concerning possible safety requirements by the abovementioned information given to the best of our knowledge and experience. All data given are never meant to guarantee any quality description nor product properties

Apart from any fair dealing for the purposes of private study, research, review or criticism, as permitted under the Copyright Act, no part may be reproduced by any process without written permission from CHEMWATCH.

TEL (+61 3) 9572 4700