micamoma

1 Product and Company Identification

1.1 Identification of the substance / the preparation / the product

Trade name: Royal Red Cosmetic Glitter

1.2 Application of the substance / the preparation / the product

To be used as: Raw material / additive for cosmetics

1.3 Company identification

Supplier: Micamoma
www.micamoma.com EMail: info@micamoma.com

2 Composition/Information

2.1 Classification: does not have to be labelled according to the Preparation Guideline, respectively EUdirectives 67/548/EEC or 1999/45/EC.

Additional danger advice: No risks from this product regarding human health or environment are apparent. We therefore have no knowledge of chronic or skin irritating effects when physical contact has occurred.

3.1 Chemical characteristics

Description: Solid made of coated polyester foil

INCI#: Polyethylene Terephthalate CI 77000, CI 16035, CI 15850:1, CI 19140:1

4. First aid measures

General information: After contact with the melted product contaminated clothes need to be changed. In case of fainting, place and transport the person into recovery position. In case of persisting discomfort please contact a physician. To helpers: Please protect yourself.

After inhalation: After inhalation of dust particles and in particular decomposition gases, take the injured person into fresh air, lay him down and protect him from hypothermia. In case of a fainting spell and existing breathing, place the person in a stabilized side position. Please contact a physician for treatments.

After skin contact: In case of contact with the melted product rinse water over the affected areas of skin for at least 15 min. Remove contaminated clothes, but do not remove product residues from the skin. Burns have to be covered with sterile bandages. In case of burns, skin irritations or other symptoms please contact a physician.

After eye contact: Do not rub in case of particles in the eye. Please remove particles carefully from the affected eye. Rinse eyes thoroughly with plenty of running water, but remove contact lenses prior to this. In case of irritations and other symptoms please contact your physician.

After swallowing: Rinse mouth thoroughly and drink plenty of water. In case of indisposition call a physician.

Advise to the physician: Toxic effects of the product itself except for thermal decomposition and fire are unknown. In case of any discomforts please treat symptomatically.

5. Fire fighting actions

Suitable extinguishing Water spray, extinguishing foam, extinguishing powder, agents: carbon dioxide.

For safety reasons unsuitable extinguishing agents: Jet of water

Special dangers: Carbon monoxides (CO) and other toxic and flammable gases

can be released. Special protective equipment: An independent respiratory device (isolation device) should be used.

Additional advice: The product can ignite in case of fire and can continue to burn outside of the source of ignition. Toxic, flammable gases and vapours can be released through thermal decomposition. It is possible that flames can spread through spontaneous ignition of gaseous decomposition products. Please cool the melted product with water. Collect the burn residues and water for fire fighting in compliance with the legal regulations.

6. Measures by accidental release

Personal protection: Avoid the build up of dust. Do not inhale any dust. Keep sources of ignition away from the dust.

Environmental measures: Waste water must be mechanically cleaned from rest products prior to emptying into the sewer system.

Cleaning procedures and absorption: Dry absorption and if possible reutilisation of the material.

7. Handling and storage

7.1 Handling

Safety advice: Avoid overheating through improper processing and dusting.

Technical protective measures: Local ventilation and airing guarantee, that all limits mentioned under point 8.1 are maintained.

Fire and explosion protection information: Keep away from sources of ignition.

7.2 Storage

Requirements for storage rooms and containers: No special storage necessary. Store in tightly closed (original) containers.

Joint storage: May not be stored together with products of storage class 1 (explosive substances), 5.1A (igniting substances) and 6.2 (infectious substances). Particular regulations will apply for the joint storage of storage classes 2A, 2B, 4.1A, 4.2, 4.3, 5.1B, 5.1C, 5.2 and 7.

Additional details regarding storage: Protect from heat. Comply with the appropriate regulations of the company's fire prevention measures.

Storage class: LGK 11 (flammable solid materials)

8. Exposure limits and personal protection

8.1 Exposure limits

The applicable limits which are to be complied with and monitored, particularly during mechanical processing with a risk of dust:

Parameter Type of limit Value Comment General dust limit, breathable fraction (E = breathable dust)
10 mg/m^3 E 2 times exceeding within 15 min,
4 times per shift with an interval of 1 hour is permitted. Measuring procedure: For example: according to the BIA workbook:
Measurement of dangerous substances). General dust limit, alveolar fraction (A = alveolar dust)
Limit at work (AGW) according to the TRGS 900 Regulation
Limit at work (AGW)
3 mg/m^3 A 2 times exceeding within 15 min, according to the
4 times per shift with an interval of TRGS 900 Regulation
1 hour is permitted. Measuring procedure: For example: according to the BIA workbook:
Measurement of dangerous substances).
Aluminium in Urine biological limit (BGW) 200 µg/l sampling is done at the end of
according to TRGS 903 shift Measuring procedure: atom absorption spectrometry (AAS)

8.2.1 Exposure limits and monitoring in the workplace

An onsite extraction system is required in the event of gathered dust and thermal pollution from the product.
Respiratory protection: Use respiratory protection in the event of dust exposure,
e.g. a P1 dust mark that conforms to EN 143 or a half mask with particle filter FFP1 or PP2 conforms to EN 141. Caution! Limited wearing period.
Hand protection: Protective gloves are generally not required. However,
for constant skin contact it is necessary to use gloves of low mechanical and special material demands, e.g. Material: Mat. thickness Penetration time: Butyl rubber min. 0.4 mm min. 30 min. acc. to

EN 374
Eye protection: Side shielded safety goggles that conform to EN 166
are required when carrying out mechanical processing with exposure to dust.
Body protection: Generally, normal working clothes are sufficient.
General work protection Do not inhale dust. Avoid contact with eyes, skin and hygiene measures: clothes. Do not eat, drink, smoke or snuff during work.
Wash hands prior to breaks and after finishing work. Change soiled clothes. Protect skin by using e. g. skin lotions and creams.

8.2.2 Restrictions and monitoring of the environmental exposure

There are no known properties of the product, that pose dangers to the environment. General operational measures are sufficient to protect the environment.

9. Physical and chemical properties

9.1 General details

Physical condition: Solid Shape: Glitter particles in either rectangular, hexagonal or square shapes, GlitterMotives Odour: Odourless Colour: Various (refer to table regarding colour proportions,
Chapter 3.2)

9.2 Important details regarding health / environmental protection as well as safety

pH value: Non applicable Heat resistance : 175 °C 150 °C

Melting point / melting range: 235 to 290 °C depending on the crystallinity of the polyester
Boiling point / boiling range: Cannot be measured as decomposition occurs first Flash point: Non applicable
Ignition temperature: > 300 °C Self ignition point (Solid/Gas): Not self igniting
Blaze properties: None

Risk of explosion: Possible dust or decomposition gas explosion Vapour pressure: To be disregarded Specific weight: 1.20 1.38 kg/dm^3 Bulk density: Between 0.25 and 0.60 kg/dm^3 depending on particle size

Water solubility: Insoluble in water Partition coefficient nOctanol/ Non applicable water: Viscosity: Non applicable Vapour density: No non applicable Evaporation speed: Nonapplicable

9.3 Additional details

There are no further details required regarding safety relevant parameters.

10. Stability and reactivity

It is recommended to carry out a trial run prior to processing the product.

10.1 Conditions to be avoided

Pyrolysis, dangerous decomposition products and dangerous reactions will not occur if the product is used as intended.

10.2 Substances to be avoided

Potent acids, bases and oxidation agents.

10.3 Dangerous decomposition products when heated

Aldehyde, carbon monoxide, carbon dioxide, hydrocarbons.

11. Toxicological data

There is no toxicological data available.

According to our knowledge, the product does not cause any health defects, if proper handled and the product has been applied as intended.
The contact with the melted product can cause burn wounds. The inhalation of dust and decomposition gases can cause health defects.

12. Environmental details

Ecological respectively ecotoxicological data is not available.

According to our knowledge, the product does not cause any damages to the environment, if proper handled and the product has been applied as intended.

13. Disposal information

No waste is produced from the product

91/689/EEC and 2006/12/EC guidelines.

Unsoiled product: Material recycling may be possible. If impossible, the remainders of the product should be disposed of in compliance with the legal instructions as commercial waste which is similar to the disposal of domestic waste. Registration of waste acc. to AVV: 20 01 39 – synthetics substances

Soiled product: If material recycling is impossible, the remainders of the product should be disposed of in compliance with the legal instructions as commercial waste which is similar to the disposal of domestic waste. Registration of waste acc. to AVV: 20 03 01 – mixed domestic waste.

Empty and partially If material recycling is impossible, the remainders of emptied packages: the product should be disposed of in compliance with the legal instructions as commercial waste which is similar to the disposal of domestic waste. Waste code number acc. to AVV: 15 01 01 – packages made of cardboard and paper
15 01 02 – packages made of synthetic materials

14. Transport details

Nonhazardous materials in terms of ADR/GGVS, RID/GGVE, ICAO/IATA, IMDG.

15. Legal regulations

15.1 EU Regulations

Classification and labelling: None in accordance to the EU Directive 67/548/EEC (substance directive), 1999/45/EC (dangerous preparation directive) or in accordance to any other known EU regulations.

15.2 National Regulations (UK)

Classification and labelling: The product is not due to labelling according to UK regulations.

Other UK regulations and Health and Safety at Work Act 1974. guidances: The Management of Health and Safety at Work regulations 1992. L5 Control of substances hazardous to Health. The Control of Substances Hazardous to Health Regulations 2002. Approved codes of practice and guidance. Guidance Note EH40 Occupational Exposure Limits.

16. Additional information

16.1 Summary of the Risk/Safety Phrases (chapters 3.2) (rating of substance Aluminium)

RPhrases: R10 Flammable
R15 Reacts with water under development of highly flammable gases

SPhrases: S(2) To be kept out of the reach of children
S7/8 Keep the container dry and tightly sealed S43 To extinguish use dry powder. Do not use water

16.2 Recommended Limitations of Use

Glitter is not a toy and must therefore be stored away from children. A resale as toy requires the EC conformity evaluation and the distributor's compliance with the legal regulations. We expressly point out that a conformity evaluation in this sense has not been carried out by us.

16.3 Further information

All details noted in this data sheet correspond to our knowledge at the time this data sheet has been put into effect. This information should be used as a guideline for a safe treatment in accordance with the products mentioned in our material safety data sheet, during storage, production, transport and disposal. This information is not applicable to other products, to newly produced materials, if the product mentioned in this material safety data sheet is mixed or blended with other articles or when other transformations are made to it.

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