BASTION PAINT
SPECIAL EFFECT PAINTS

GLITTER POWDER AND FLAKES MATERIAL SAFETY DATA SHEET (MSDS)

Distributors Name: Bastion Paint cc

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SECTION 1 - CHEMICAL PRODUCT AND IDENTIFICATION

Product class: Glitter Powder and Glitter Flakes
Product names: Durable Medium Glitter
Arts and Crafts Medium Glitter
Holographic Glitter
Paint Glitter
Colour Shift Glitter
Mixed Shape and Size Glitter
Mixed Colour and Size Glitter

In a container the glitter powders and flakes all sparkle. These flakes and powders have a wide range of colours and sizes. Size ranges from 0.1mm to 3mm. Below 0.5mm we usually refer to glitter powder and above 0.5mm we usually refer to glitter flakes.

These Glitters are not specifically identified as “Cosmetic Quality” are only meant for Arts, Crafts and Industrial applications.

Manufacturers: Not Disclosed

SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS

All these glitter consist of aluminum metalized polyethylene terephthalate. Basically the glitter consist of plastic sheet, a very thin layer of aluminium and a wide variety of coloured substances of both organic and inorganic origin. The sheets are then cut into powder or flakes in a wide variety of shapes.

SECTION 3 - HAZARDS IDENTIFICATION

These products are considered to be a non-hazardous substance:

Inhalation: DO NOT BREATHE DUST.
Use dust protection mask when handling.
Eye: Dust may cause irritation. Use of protective eye glasses is optional.

Skin: Usually no irritation from casual handling but these glitters are not certified for cosmetic use so may cause skin irritation in some individuals.
Ingestion: No symptoms are expected from the ingestion of small quantities. Do not ingest any glitter particles.
Chronic: None

SECTION 4 - FIRST AID MEASURES

Eyes: Flush with water for 5 minutes
Skin: Wash with water
Ingestion: No symptoms are expected from the ingestion of small quantities. If larger quantities are ingested then drink 1-2 glasses of water. Do not induce vomiting.
Inhalation: Remove to fresh air
Notes to Physician: None
Contact Physician if any effects of exposure remain after initial actions.

SECTION 5 - FIRE FIGHTING MEASURES

Not flammable.
These products will behave like plastic and will melt at elevated temperatures.
Dangerous character: Non-dangerous
Combustible composition: None
Use appropriate techniques to fight surrounding fire.
Extinguishing Media: Use extinguishing agent suitable for surrounding fire.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Person-related safety precautions:

- Wear protective equipment e.g. dust mask. Keep unprotected persons away.

Measures for environmental protection:

- Do not allow material to be released to the environment without proper governmental permits.

Measures for cleaning/collecting:

- Spills/Leaks: Sweep up powder that may be spilt and put it in plastic bag and seal it.
- Dispose of contaminated material in accordance with local regulations.

SECTION 7 - HANDLING and STORAGE

Handling:

- Avoid excess skin contact.
- Avoid breathing dust; wear a dust mask. Dust masks for non-hazardous materials and capable of filtering out all particles over 2 microns in size.
- If handling on large scale such as decanting or use on a scale larger than for normal arts and crafts then an air extraction and filtration system is recommended.

Storage: Keep container sealed.
No other special precautions are necessary if used correctly.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

When working with large quantities use following Engineering Controls:

- Properly operating dust extraction hood having an average face velocity of at least 100 feet per minute.

When working with large quantities use following PPE:

- Use Personal Protective Equipment: Plastic or neoprene gloves**,** proper breathing apparatus and Lab coat.

When working with small quantities e.g. arts and crafts applications, use following PPE:

- Dust masks for non-hazardous materials and capable of filtering out all particles over 2 microns in size.

As we sell these glitters on an arts and crafts scale (and not on an industrial scale) we have not listed specific exposure limits. For decanting from larger to small units take specific care to avoid breathing dust.

If you intend to use these pigments on an industrial scale you will need to become familiar with specific exposure limits applicable to your country.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Solid
Colour: Sparkling powders and flakes in a wide range of colours and shapes..
Odour: None
pH: Approximately 7
Vapour Pressure: NA
Viscosity: NA
Boiling Point: Not determined
Melting Point: Will soften gradually across a range of elevated temperatures.
Auto-ignition Temperature: Not determined
Flash Point: NA
Explosion Limits, lower: NA
Explosion Limits, upper: NA
Decomposition Temperature: NA
Solubility in water: Insolubility
Specific Gravity/Density: NA

SECTION 10 - STABILITY AND REACTIVITY

Chemical Stability: Relatively Stable
Do not mix with high shear. High shear mixing can damage the particles thus reducing their sparkle
Conditions to avoid:

- Not stable in strong acids, bases or oxidising agents.
- Stable in water for weeks or months depending on the exact product. Prolonged exposure to water will lead to a loss of sparkle.

SECTION 11 - TOXICOLOGICAL INFORMATION

Non-toxic: Confirms to ASTM D-4236
The negative environment impacts of plastics (which include glitter) have been well documented.

SECTION 12 - ECOLOGICAL INFORMATION

No Ecological information

SECTION 13 - DISPOSAL CONSIDERATIONS

Dispose in accordance with state and local regulations.

SECTION 14 - TRANSPORT INFORMATION

Not a hazardous material for transportation.
Hazard class: None
ADR/RID class: None
IMDG Class: None
ICAO/IATA class: None

MSDS Complied by and Revision Date

Name: Brian Quicke **Revision Date**: 27 January 2021

Title: Member (BSc Chemistry, honours) **Signature:**_____