

Material Safety Data Sheet

1. Product and company identification

Product Name: Series 1000, Series 2000, Series 3000, Series 4000, Series 5000, Series 6000, Series 8000
Intended use: These products are intended for use in the powder coatings industry, refer to their respective Technical Data Sheets. For professional use only.
Application Method: Via automatic electrostatic spray gun or fluidised dipping process.

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This product is deemed not to be classified as “Dangerous Good” for transport. All information concerning this product and/or suggestions for handling and use contained herein are offered in good faith and are believed to be reliable. Powder-Lak (Pty) Ltd. however makes no warranty as to the accuracy of and/or sufficiency of such information.

2. Hazard Identification

Poison Schedule: None assigned
HSNO Number: Not Applicable

3. Composition / information on ingredients

This product contains the following substances that could present a hazard:

Ingredient	C.A.S. Number	Concentration
Titanium dioxide	013463-67-7	1 – 20%
Barium Sulphate	007727-43-7	5 – 25%
Triglycidylisocyanurate*	2451-62-9	3.50%
Crystalline Silica (Xn)	014808-60-7	1 – 3%
Leaded pigments*, containing < 0.5% lead	Varied, depending on product	7 – 10%

Other ingredients in this product have been determined not to be hazardous.

* *Dependant on product*

4. First aid measures

General

In all cases of doubt, or when symptoms persist, seek medical attention.
Never give anything by mouth to an unconscious person.

Inhalation

Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth.

Eye Contact

Irrigate copiously with clean fresh water for at least 10 minutes, holding the eyelids apart.

Skin Contact

Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognised skin cleanser. Do NOT use solvents or thinners.

Ingestion

If accidentally swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

5. Fire-fighting measures

Recommended extinguishing media; alcohol resistant foam, CO₂, powder, water spray.

Do not use - water jets.

Note: Fire will produce dense, grey smoke. Decomposition products may be hazardous to health.

Avoid exposure and use breathing apparatus as appropriate.

Cool closed containers exposed to fire by spraying them with water.

Do not allow run off water and contaminants from fire fighting to enter drains or water courses.

6. Accidental release measures

Contain and absorb spillage with non-combustible materials e.g. sand, earth, vermiculite. Place in closed containers.

Prevent the creation of dust clouds.

Clean area, preferably with a detergent.

7. Handling and storage

Handling - In Storage

Handle containers carefully to prevent damage and spillage.

Handling - In use

Use personal protection, dust mask, protective overalls, eye & ear protection.

Smoking, eating and drinking should be prohibited in all preparation and application areas.

Storage

Store in a well ventilated, dry place away from sources of heat and direct sunlight.

Store on concrete or other impervious floor, preferably with bunding to contain any spillage.

Do not stack more than 4 pallets high.

Keep containers sealed when not in use. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep in the original container or one of the same material.

8. Exposure controls and personal protection

Personal Protection

Respiratory Protection

Workers must wear appropriate respirators, e.g. dust masks, minimum of FFP1

Eye Protection

Wear safety eyewear, e.g. safety spectacles, goggles or visors.

Hand Protection

Gloves of an appropriate material should be worn during application. Nitrile or PVC gloves are acceptable.

Skin Protection

Overalls which cover the body, arms and legs should be worn. Skin should not be exposed. Barrier creams may help to protect areas which are difficult to cover such as the face and neck.

Petroleum jelly based types such as Vaseline should not be used. All parts of the body should be washed after contact.

9. Physical and chemical properties

Physical State	Powder
Colour	Coloured, depending on product
Flash point	N/A
Autoignition temperature	N/A
Viscosity	N/A
Specific gravity (dependant on product)	1.0 – 1.9
Vapour density	Heavier than air

pH	N/A
Solubility in water	Immiscible
Odour	Neutral

10. Stability and reactivity

Chemical stability

Stable under recommended storage and handling conditions.

Conditions to avoid:

Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid possible exothermic reactions.

Incompatible materials

Strong acids, bases, oxidising agents.

Hazardous decomposition products

Exposure to high temperatures may produce hazardous decomposition products such as carbon monoxide, carbon dioxide, oxides of nitrogen and smoke.

Hazardous reactions

None.

11. Toxicological information

No data available.

12. Ecological information

No data available.

The product should not be allowed to enter drains or water courses.

13. Disposal considerations

Using information provided in this data sheet advice should be obtained from the local Waste Regulation Authority as to whether special waste regulations apply.

14. Transport information

Non – Hazardous and safe for transport via sea, air and road, but vehicle should feature a spillage kit.

15. Regulatory information

N/A

16. Other information

The information on this MSDS is based upon the present state of our knowledge and on current State laws. The product should not be used for purposes other than shown in the product data sheet without first obtaining written advice. It is always the responsibility of the user to take all necessary steps to meet the demands of applicable legislation.

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