

Safety Data Sheet



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Non Hazardous Substance, Non Dangerous Goods

1: MATERIAL AND SUPPLY COMPANY IDENTIFICATION

Product Name: SINTAKOTE® SKII powder

Recommended use: Pigmented polyethylene powder for powder coating of steel pipe

Supplier: Steel Mains Pty Ltd

ABN: 73 004 843 056

Street Address: 125- 175 Patullos Lane, Somerton, VIC, 3062 Australia

Telephone: + 613 9217 3110

Facsimile: + 613 9305 3963

Website: www.steelmain.com

Emergency telephone number: 13 11 26 (Poisons Information Centre)

2: HAZARDOUS INFORMATION

Australian Classification

Based on available information, this material is **not** classified as hazardous according to Safe Work Australia.

Dangerous Goods Classification

Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail"

Poisons Schedule (Aus.): None allocated

3: COMPOSITION INFORMATION

CHEMICAL ENTITY	CAS NO	PROPORTION
Polyethylene	9002-88-4	70 – 100%
Ingredients determined to be non- hazardous	-	to 100%

4: FIRST AID MEASURES

For advice, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766).

Inhalation: Remove victim from exposure – avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

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Skin contact: If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If swelling, redness, blistering or irritation occurs seek medical assistance. If molten material should contact the skin and adhere, cool quickly with running water – do not attempt to remove. Seek immediate medical assistance.

Eye contact: If in eyes wash out immediately with water. In all cases of eye contamination it is a sensible precaution to seek medical advice. For contact with molten material treat as for skin burns

Ingestion: Rinse mouth with water. If swallowed, do NOT induce vomiting. Give glass of water to drink. Never give anything by mouth to an unconscious patient. If vomiting occurs give further water. Seek medical advice.

Notes to physician: Treat symptomatically.

5: FIRE FIGHTING MEASURES

Specific Hazards: Non – combustible material.

Suitable extinguishing media: Not combustible, however, if material is involved in a fire use water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).

Firefighting further advice: On burning will emit toxic fumes, including those of oxides of carbon. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.

Hazchem Code: Not applicable.

6: ACCIDENTAL RELEASE MEASURE

SMALL SPILLS:

Wear protective equipment to prevent eye contamination. Avoid inhalation of vapors. Wipe up with absorbent (clean rag or paper towels). Allow absorbent to dry before disposing with normal household garbage.

LARGE SPILLS:

Slippery when split. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and inhalation vapours. Work up wind or increase ventilation. Collect – prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material), but avoid generating dust. Collect and seal in properly labelled containers or drums for disposal. Wash down area with excess water.

Dangerous Goods – Initial Emergency Response Guide No: Not applicable.

7: HANDLING AND STORAGE

Handling: Avoid eye contact, repeated or prolonged skin exposure and breathing in dust. Avoid handling which leads to dust formation. In common with many organic chemicals, may form flammable dust clouds in air. Take precautionary measures against static discharges.

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Storage: Store in a cool, dry, well- ventilated place and out of direct sunlight. Store away from incompatible materials described in section 10. Keep containers closed when not in use- check regularly for leaks.

8: EXPOSURE CONTROLS AND PERSONNEL PROTECTION

National occupational exposure limits:

No values assigned for this specific material by Safe Work Australia. However, Workplace Exposure Standard(s) for particulates:

Dusts not otherwise classified: 8hr TWA = 10 mg/m³

As published by Safe Work Australia Workplace Exposure Standards for Airborne Contaminants.

TWA – The time-weighted average airborne concentration of a particular substance when calculated over an eight-hour working day, for a five-day working week.

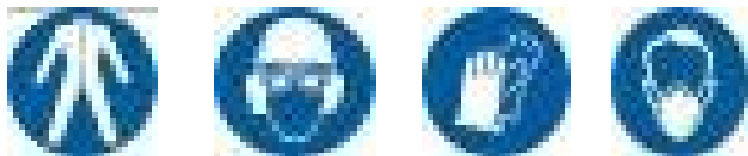
These Workplace Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low as is workable. These workplace exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

Engineering measures: Ensure ventilation is adequate and that air concentrations of components are controlled below quoted Workplace Exposure Standards. Keep containers closed when not in use.

If in the handling and application of this material, safe exposure levels could be exceeded, the use of engineering controls such as local exhaust ventilation must be considered and the results documented. If achieving safe exposure levels does not require engineering controls, then a detailed and documented risk assessment using the relevant Personal Protective Equipment (PPE) (refer to PPE section below) as a basis must be carried out to determine the minimum PPE requirements.

Personnel protective equipment: The selection of PPE is dependent on a detailed risk assessment. The risk assessment should consider the work situation, the physical form of the chemical, the handling methods, and environmental factors.

OVERALLS, SAFETY SHOES, SAFETY GLASSES, GLOVES.



Wear overalls, safety glasses and impervious gloves. Avoid generating and inhaling dusts. If determined by a risk assessment an inhalation risk exists, wear a dust mask/respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or reusing.

When handling melt, or where there is a risk of being splashed with molten material: Wear overalls, chemical goggles, face shield, elbow length impervious gloves, splash apron or equivalent chemical impervious outer garment, and rubber boots.

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9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Powder
Colour:	White, Neutral, black or coloured
Odour:	Odourless
Solubility:	Insoluble in water
Specific Gravity (20 °C):	0.910 – 0.97
Relative Vapor Density (air = 1) :	Not applicable
Vapor Pressure (20 °C):	Not applicable
Flash Point (°C):	Not applicable
Flammability Limits (%)	Not applicable
Autoignition Temperature (°C):	ca. 350
Melting Point/Range (°C):	107 - 130
Decomposition Point (°C):	> 250
PH:	Not applicable

10: SUITABILITY AND REACTIVITY

Reactivity:	No information available.
Chemical stability:	This material is thermally stable under normal ambient and when stored and used as directed.
Conditions to avoid:	Elevated temperatures, avoid dust generation.
Incompatible Materials:	Incompatible with strong oxidizing agents.
Hazardous decomposition products:	Oxides of carbon
Possibility of Hazardous reactions:	Dust explosion hazard.

11: TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs.

Inhalation:	Breathing in dust may result in respiratory irritation. Vapour and processing fumes may cause irritation to mucous membranes of the respiratory tract, headache and nausea.
Skin contact:	Contact with skin may result in irritation. Contact with hot material may cause skin burns.
Eye contact:	May be an eye irritant. Exposure to the dust may cause discomfort due to particulate nature. May cause physical irritation to the eyes. Fumes given off during processing may cause eye irritation. Contact with the hot material can result in pain, thermal burns, and permanent injury.

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Ingestion: No adverse effects expected, however, large amounts may cause nausea and vomiting.

Acute toxicity: No LD50 data available for the product. For the constituent
POLYETHYLENE: (1) Oral LD50 (rat): >3000 mg/kg (polymer unspecified)

Chronic effects: No LD50 data available for the product

Polyethylene has been classified by the International Agency for Research on Cancer (IARC) as a Group 3 agent. Group 3 – The agent is not classifiable as to its carcinogenicity to humans. Data available is insufficient for an assessment to be made.

12: ECOLOGICAL INFORMATION

Eco toxicity: Avoid contaminating waterways.

Persistence and degradability: No information available.

Mobility: No information available

13: DISPOSAL CONSIDERATION

Refer to State /Territory Land Waste Management Authority. Dispose of contents/containers in accordance with local/regional/national/international regulations

14: TRANSPORT INFORMATION

ROAD AND RAIL TRANSPORT

Not classified as Dangerous Goods by the criteria of the "Australia Code for the Transport of Dangerous Goods by Road & Rail; Non-Dangerous Goods.

MARINE TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; Non-Dangerous Goods.

AIR TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Air Transport (IATA) Dangerous Goods Regulations for transport by air; Non-Dangerous Goods.

15: REGULATORY INFORMATION

Classification: Based on available information, not classified as hazardous according to Safe Work Australia; Non-Dangerous Goods.

Poisons Schedule (Aunt): None allocated

All the constituents of this material are listed on the Inventory of Chemical Substances (AICS).

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16: OTHER INFORMATION

Literary reference

- (1) In: 'The Dictionary of Substances and their Effects". Ed. Gangolli S. Royal Society of Chemistry, 1999. This Safety Data Sheet has been prepared by the information supplied to Steel Mains Pty Ltd from its supplier on behalf of its client.

Reason(s) For Issue: Company name change from Pentair to Steel Mains Pty Ltd and 5 yearly review of Safety Data Sheet.

Safety Data Sheet are updated frequently. Please ensure that you have a current copy.

This SDS summarizes at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the workplace. Since Steel Mains Pty Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this SDS in the context of how the user intends to handle and use the product in the workplace.

If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company.

Our responsibility for product as sold is subject to our standard terms and conditions of which is sent to our customers and our customers and is also available upon request.