

Safety Data Sheet

Rev 2 – July 2021



SIEGEL

SiegelFlex MS20

Section 1 – Identification of the Material and Supplier

Siegel Pty Ltd	P: +61 2 4858 1771
7 Lackey Road	M: +61 4 37 550 160
Moss Vale, NSW, 2577	F: +61 2 4869 3031
	W: siegeladhesives.com

Chemical Nature:	Single Component MS Polymer Adhesive
Trade Name:	SiegelFlex MS20
Product Use:	Adhesive & Sealant
Creation Date:	October 2020
This version issued:	October 2020 and is valid for 5 years from this date
Poisons Information Centre:	Call 13 11 26 from anywhere in Australia

Section 2 – Hazards Identification

Statement of Hazardous Nature

This product is not classified as hazardous according to the SWA criteria

This product is not a dangerous good according to Australian Dangerous Goods (ADG) Code, IATA or IMDG/IMSBC criteria

SUSMP Classification: None allocated.

ADG Classification: None allocated. Not a Dangerous Good according to the Australian Dangerous Good (ADG) Code, IATA or IMDG/IMSBC criteria.

UN Number: None allocated.

GHS Signal Word: None - not hazardous.

Prevention

P262: Do not get in eyes, on skin, or on clothing

P264: Wash contacted areas thoroughly after handling

P281: Use personal protective equipment as required

Response

P362: Take off contaminated clothing and wash before reuse

P301+PP330+P331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P370+P378: In case of fire, use carbon dioxide, dry chemical, foam, water fog

Storage

P501: If they cannot be recycled, dispose of contents to an approved waste disposal plant and containers to landfill (see Section 13 of this SDS)

Safety Data Sheet

Issued by: Siegel Pty Ltd

Contact: 1300 729 863

Poisons Information Centre: 13 11 26 from anywhere in Australia, (0800 764 766 in New Zealand)

EMERGENCY INFORMATION

Physical Description & Colour: Grey / Black

Odour: Low Odour

Major Health Hazards: No significant risk factors have been found for this product.

Section 3 – Composition & Information on Ingredients

Ingredients: Silane Modified Polymers, Calcium Carbonate, Refined Mineral (100%)

TWA (mg/m³): not set

STEL (mg/m³): not set

This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other nonhazardous ingredients are also possible.

The SWA TWA exposure value is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5-day working week. The STEL (Short Term Exposure Limit) is an exposure value that may be equalled (but should not be exceeded) for no longer than 15 minutes and should not be repeated more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term "peak "is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.

Section 4 – First Aid Measures

General Information: You should call The Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. The number is 13 1126 from anywhere in Australia (0800 764 766 in New Zealand) and is available at all times. Have this SDS with you when you call.

Inhalation: No first aid measures normally required. However, if inhalation has occurred, and irritation has developed, remove to fresh air and observe until recovered. If irritation becomes painful or persists more than about 30 minutes, seek medical advice.

Skin Contact: Gently brush away excess particles. Irritation is unlikely. However, if irritation does occur, flush with lukewarm, gently flowing water for 5 minutes or until chemical is removed.

Eye Contact: Quickly and gently brush particles from eyes. No effects expected. If irritation does occur, flush contaminated eye(s) with lukewarm, gently flowing water for 5 minutes or until the product is removed. Obtain medical advice if irritation becomes painful or lasts more than a few minutes. Take special care if exposed person is wearing contact lenses.

Ingestion: If nausea or gastric upset develops, remove individual to rest area and monitor. If symptoms get worse or if individual becomes distressed, do NOT induce vomiting; contact the Poisons Information Centre or a doctor.

Safety Data Sheet

Issued by: Siegel Pty Ltd

Contact: 1300 729 863

Poisons Information Centre: 13 11 26 from anywhere in Australia, (0800 764 766 in New Zealand)

Section 5 – Fire Fighting Measures

Fire and Explosion Hazards: The major hazard in fires is usually inhalation of heated and toxic or oxygen deficient (or both), fire gases. There is no risk of an explosion from this product under normal circumstances if it is involved in a fire.

Fire decomposition products from this product may be toxic if inhaled. Take appropriate protective measures.

Extinguishing Media: In case of fire, use carbon dioxide, dry chemical, foam or water fog. Avoid the use of high pressure water jet.

Fire Fighting: If a significant quantity of this product is involved in a fire, call the fire brigade.

Flash point: >200°C

Upper Flammability Limit: No data.

Lower Flammability Limit: No data.

Autoignition temperature: No data.

Flammability Class: No data.

Section 6 – Accidental Release Measures

Accidental release: Minor spills do not normally need any special clean-up measures.

In the event of a major spill, prevent spillage from entering drains or water courses.

As a minimum, wear overalls, goggles and gloves. Suitable materials for protective clothing include no specific manufacturer recommendations. Use impermeable gloves with care. Eye/face protective equipment should comprise, as a minimum, protective glasses and, preferably, goggles. If there is a significant chance that dusts are likely to build up in clean-up area, we recommend that you use a suitable dust mask.

Stop leak if safe to do so and contain spill. Sweep up and shovel or collect recoverable product into labelled containers for recycling or salvage and dispose of promptly. Consider vacuuming if appropriate.

Recycle containers wherever possible after careful cleaning. After spills, wash area preventing runoff from entering drains. If a significant quantity of material enters drains, advise emergency services.

This material may be suitable for approved landfill. Ensure legality of disposal by consulting regulations prior to disposal.

Thoroughly launder protective clothing before storage or re-use. Advise laundry of nature of contamination when sending contaminated clothing to laundry.

Section 7 – Handling and Storage

Handling: Keep exposure to this product to a minimum, and minimise the quantities kept in work areas. Check Section 8 of this SDS for details of personal protective measures, and make sure that those measures are followed. The measures detailed below under "Storage" should be followed during handling in order to minimise risks to persons using the product in the workplace. Also, avoid contact or contamination of product with incompatible materials listed in Section 10.

Storage: Store packages of this product in a cool place. Keep containers dry and away from water. Keep away from heat and flame. Keep away from sources of ignition such as sparks and open flames. Make sure that the product does not come into contact with substances listed under "Incompatibilities" in Section 10. Check packaging - there may be further storage instructions on the label.

Safety Data Sheet

Issued by: Siegel Pty Ltd

Contact: 1300 729 863

Poisons Information Centre: 13 11 26 from anywhere in Australia, (0800 764 766 in New Zealand)

Section 8 – Exposure Controls and Personal Protection

The following Australian Standards will provide general advice regarding safety clothing and equipment:

Respiratory equipment: **AS/NZS 1715**,
 Protective Gloves: **AS 2161**,
 Occupational Protective Clothing: **AS/NZS 4501** set 2008,
 Industrial Eye Protection: **AS1336** and **AS/NZS 1337**,
 Occupational Protective Footwear: **AS/NZS2210**.

Exposure limits have not been established by SWA for this product.

No special equipment is usually needed when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

Ventilation: This product should only be used where there is ventilation that is adequate to keep exposure below the TWA levels. If necessary, use a fan.

Eye Protection: Eye protection is not normally necessary when this product is being used. However, if in doubt, wear suitable protective glasses or goggles.

Skin Protection: The information at hand indicates that this product is not harmful and that normally no special skin protection is necessary. However, we suggest that you routinely avoid contact with all chemical products and that you wear suitable gloves (preferably elbow-length) when skin contact is likely.

Protective Material Types: There is no data that enables us to recommend any type except that it should be impermeable.

Respirator: If there is a significant chance that dusts are likely to build up in the area where this product is being used, we recommend that you use a suitable dust mask. Otherwise, not normally necessary.

Section 9 – Physical and Chemical Properties

Physical Description & colour:	Grey / Black
Odour:	Low sweetish odour.
Boiling Point:	>100°C.
Freezing/Melting Point:	No specific data. Solid at normal temperatures.
Volatiles:	No data.
Vapour Pressure:	At 20°C, 23 hPa
Vapour Density:	Water.
Specific Gravity:	1.50 +/-
Volatility:	Low
Odour Threshold:	No data.
Evaporation Rate:	Not applicable.
Coeff Oil/water Distribution:	No data
Viscosity:	At 20°C > 9,000mPa.s
Autoignition temp:	Non Flammable

Safety Data Sheet

Issued by: Siegel Pty Ltd

Contact: 1300 729 863

Poisons Information Centre: 13 11 26 from anywhere in Australia, (0800 764 766 in New Zealand)

Section 10 – Stability and Reactivity

Reactivity: This product is unlikely to react or decompose under normal storage conditions. However, if you have any doubts, contact the supplier for advice on shelf life properties.

Conditions to Avoid: This product should be kept in a cool place, preferably below 30°C. Containers should be kept dry. Keep away from heat, flames and sparks. Keep away from sources of sparks or ignition.

Incompatibilities: strong oxidising agents.

Fire Decomposition: Combustion forms carbon dioxide, and if incomplete, carbon monoxide and possibly smoke. Water is also formed. Carbon monoxide poisoning produces headache, weakness, nausea, dizziness, confusion, dimness of vision, disturbance of judgment, and unconsciousness followed by coma and death.

Polymerisation: Polymerisation reactions are unlikely and not expected to occur.

Section 11 – Toxicological Information

Target Organs: There is no data to hand indicting any particular target organs.

Classification of Hazardous Ingredients: No ingredient mentioned in the HSIS Database is present in this product at hazardous concentrations.

Potential Health Effects

Inhalation:

Short Term Exposure: Available data indicates that this product is not harmful. However, product may be mildly irritating, although unlikely to cause anything more than mild transient discomfort.

Long Term Exposure: No data for health effects associated with long term inhalation.

Skin Contact:

Short Term Exposure: Available data indicates that this product is not harmful. It should present no hazards in normal use. However, product may be mildly irritating, but is unlikely to cause anything more than mild discomfort which should disappear once contact ceases.

Long Term Exposure: No data for health effects associated with long term skin exposure.

Eye Contact:

Short Term Exposure: This product may be mildly irritating to eyes but is unlikely to cause anything more than mild discomfort which should disappear once product is removed.

Long Term Exposure: No data for health effects associated with long term eye exposure.

Ingestion:

Short Term Exposure: Significant oral exposure is considered to be unlikely. This product, while believed to be not harmful, is likely to cause headache and gastric disturbance such as nausea and vomiting if ingested in significant quantities. However, this product may be mildly irritating to mucous membranes but is unlikely to cause anything more than mild transient discomfort.

Long Term Exposure: No data for health effects associated with long term ingestion.

Carcinogen Status:

SWA: No significant ingredient is classified as carcinogenic by SWA.

NTP: No significant ingredient is classified as carcinogenic by NTP.

IARC: No significant ingredient is classified as carcinogenic by IARC.

Safety Data Sheet

Issued by: Siegel Pty Ltd

Contact: 1300 729 863

Poisons Information Centre: 13 11 26 from anywhere in Australia, (0800 764 766 in New Zealand)

