

# MASONS AIR-FLEX SAFETY DATA SHEET



**MASONS**  
Designed Smart, Built Tough.

V3.0 March 2026

## SAFETY DATA SHEET

According to HSNO Hazardous Substances (Safety Data Sheets) Notice 2017

### SECTION 1. IDENTIFICATION OF THE MATERIAL AND THE SUPPLIER

Product:	<b>Air-Flex</b>
Product Use:	Performance additive for Masonary and Plaster
Restriction of Use:	Refer to Section 15
New Zealand Supplier:	<b>Masons NZ Ltd</b>
Address:	18a David Mccathie Place Silverdale, 0932 Auckland
Telephone:	+64 9 414 7551
Emergency No:	<b>0800 764 766 (National Poison Centre)</b>
Date of SDS Preparation:	17 March 2026

### SECTION 2. HAZARDS IDENTIFICATION

This substance is hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

**EPA Approval No: Additives, Process Chemicals and Raw Materials (subsidiary) – HSR002503**

#### Pictograms



Signal Word: **DANGER**

GHS Classification and Category	Hazard Code	Hazard Statement
Skin irritation Cat. 2	H315	Causes skin irritation.
specific target organ toxicity – single exposure Cat. 3 respiratory tract irritation	H335	May cause respiratory irritation.
Serious eye damage Cat. 1	H318	Causes serious eye damage.

#### Prevention Code Prevention Statement

P103	Read carefully and follow all instructions.
P261	Avoid breathing dust.

Product Name: **Air-Flex**  
Date of SDS: March 2026

SDS Prepared by: Technical Compliance Consultants (NZ) Ltd  
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P264	Wash hands thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective clothing [as detailed in SDS Section 8].

**Response Code    Response Statement**

P310	Immediately call a POISON CENTER or doctor/physician.
P302 + P352	IF ON SKIN: Wash with plenty of water.
P304 + P340	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
P305 + P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332 + P313	If skin irritation occurs: Get medical advice/ attention.
P362+P364	Take off contaminated clothing and wash before reuse.

**Storage Code    Storage Statement**

P405	Store locked up.
P403 + P233	Store in a well-ventilated place. Keep container tightly closed.

**Disposal Code    Disposal Statement**

P501	Dispose of according to Local Regulations or Authorities
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**SECTION 3. COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS**

Ingredients	Wt%	CAS NUMBER.
Cellulose, 2-hydroxyethyl ether	15-25	9004-62-0
Sodium C14-16-olefin sulfonate	20-25	68439-57-6
Limestone	50-60	1317-65-3
Ingredients not contributing to final classification	To bal	

**SECTION 4. FIRST AID MEASURES**

Routes of Exposure:

If in Eyes	Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.
If on Skin	Take off contaminated clothing and wash before reuse. Wash with plenty of soap and water. If skin irritation occurs: get medical advice/attention.
If Swallowed	Do not induce vomiting. Wash out mouth thoroughly with water. Never give anything to the mouth of an unconscious person. Seek medical attention if needed.

Product Name: <b>Air-Flex</b> Date of SDS: March 2026	SDS Prepared by: Technical Compliance Consultants (NZ) Ltd Tel: 64 9 475 5240    www.techcomp.co.nz
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If Inhaled Remove person to fresh air. Remove contaminated clothing and loosen remaining clothing. Allow person to assume most comfortable position and keep warm. Keep at rest until fully recovered. Apply artificial respiration if not breathing. Get medical advice if breathing becomes difficult.

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**Most important symptoms and effects, both acute and delayed**

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Symptoms:

**Ingestion:** This product is irritating if ingested. This irritation may result in nausea, pain and vomiting

**Inhalation:** May cause respiratory irritation.

**Skin:** Irritating to skin. Repeated skin contact may lead to irritant contact dermatitis.

**Eye:** Causes serious eye damage. Contamination of the eye may lead to corneal clouding and damage. Healing may take several days.

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**SECTION 5. FIRE FIGHTING MEASURES**

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**Hazard Type** Non-Flammable. The material is not combustible. However, it will break down under fire conditions and the organic component may burn.

**Hazards from combustion products** Fumes containing carbon dioxide, monoxide and sulphur dioxide may be generated in large fires.

**Suitable Extinguishing media** Use powder, foam, sand and water spray. Do not use large volumes of water.

**Precautions for firefighters and special protective clothing** Wear full protective gear.

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**HAZCHEM CODE** None Allocated

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**SECTION 6. ACCIDENTAL RELEASE MEASURES**

**For emergency responders:**

Wear protective equipment as detailed in Section 8. Clear area of any unprotected personnel. Slippery when spilled. Ensure adequate ventilation. Avoid dust formation.

**Environmental precautions:**

Keep product away from drains, surface and underground water.

**Methods and material for containment and cleaning up:**

Sweep up and place into a container for disposal (refer to Section 13).

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**SECTION 7. HANDLING AND STORAGE**

**Precautions for Handling:**

Read carefully and follow all instructions.

Avoid breathing dust.

Wash hands thoroughly after handling.

Use only outdoors or in a well-ventilated area.

Wear protective clothing [as detailed in SDS Section 8].

Ensure adequate ventilation.

Keep container closed when not in use.

Wash contaminated clothing and other protective equipment before re-using.

**Precautions for Storage:**

Store away from incompatible materials listed in Section 10.

Store locked up.

Store in a dry, well-ventilated area.

Keep containers well sealed when not in use.

**SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION**

**WORKPLACE EXPOSURE STANDARDS (provided for guidance only)**

Substance	TWA ppm	mg/m3	STEL ppm	mg/m3
Limestone (Calcium carbonate) [1317-65-3]	-	10	-	-

Workplace Exposure Standard – Time Weighted Average (WES-TWA). The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure. Workplace Exposure Standard – Short-Term Exposure Limit (WESSTEL). The 15-minute average exposure standard. Applies to any 15- Minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply. Workplace Exposure Standards and Biological Exposure Indices Feb 2025 15TH EDITION.

**Engineering Controls**

Ensure adequate ventilation.

**Personal Protection Equipment**



**Eyes** Wear safety glasses with side shield.

**Hands** Wear impervious plastic or rubber gloves.

**Skin** Wear protective clothing (overalls)

**Respiratory** Use with adequate ventilation.

**General** Wash contaminated clothing and other protective equipment before re-using.

Product Name: <b>Air-Flex</b> Date of SDS: March 2026	SDS Prepared by: Technical Compliance Consultants (NZ) Ltd Tel: 64 9 475 5240 www.techcomp.co.nz
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## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

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Appearance	Fine Powder
Colour	Yellow white
Odour	Not available
Odour Threshold	Not available
pH	Not available
Boiling Point	Not available
Melting Point	Not available
Freezing Point	Not available
Flash Point	Not available
Flammability	Non-Flammable
Upper and Lower Explosive Limits	Not available
Vapour Pressure	Not available
Vapour Density	Not available
Density	900g/L
Water Solubility	Less than 5g/L
Partition Coefficient:	Not available
Auto-ignition Temperature	Not available
Decomposition Temperature	Not available
Kinematic Viscosity	Not available
Particle Characteristics	Not available

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## SECTION 10. STABILITY AND REACTIVITY

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Stability of Substance	This product is stable under normal conditions.
Possibility of hazardous reactions	Not available
Conditions to Avoid	Not available
Incompatible Materials	Not available
Hazardous Decomposition Products	Not available

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## SECTION 11 TOXICOLOGICAL INFORMATION

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### Acute Effects:

Swallowed	This product is not classified as acutely toxic.
Dermal	This product is not classified as acutely toxic.
Inhalation	May cause respiratory irritation.
Eye	Causes serious eye damage.
Skin	Causes skin irritation.

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**Chronic Effects:**

<b>Carcinogenicity</b>	This product is not classified as carcinogenic.
<b>Reproductive Toxicity</b>	This product is not classified as toxic for reproduction.
<b>Germ Cell Mutagenicity</b>	This product is not classified as mutagenic.
<b>Aspiration</b>	This product is not classified as Asp Tox.
<b>STOT/SE</b>	This product is not classified as STOT SE.
<b>STOT/RE</b>	This product is not classified as STOT RE.

**SECTION 12. ECOTOXICOLOGICAL INFORMATION**

The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

**Product:**

<b>Persistence and degradability</b>	Classified as readily biodegradable as per AS4351
<b>Bioaccumulation</b>	No data available
<b>Mobility in Soil</b>	No data available
<b>Other adverse effects</b>	No data available

**SECTION 13. DISPOSAL CONSIDERATIONS**

**Disposal Method:**

Triple rinse container and recycle where possible. Dispose as per Local Regulations.

**Precautions or methods to avoid:** None known.

**SECTION 14 TRANSPORT INFORMATION**

This product is NOT classified as a Dangerous Good for transport in NZ ; NZS 5433:2020 and SNZ HB 5433:2021

**SECTION 15 REGULATORY INFORMATION**

This substance is classified hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

EPA Approval Code: Additives, Process Chemicals and Raw Materials (subsidiary) - HSR002503

<b>HSW (HS) Regulations 2017 and EPA Notices</b>	<b>Trigger Quantity</b>
Certified Handler	Not required
Location Certificate	Not required
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	1000 kg
Emergency Response Plan	10 000kg
Secondary Containment	10 000kg
Restriction of Use	Only use for the intended purpose.

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## SECTION 16 OTHER INFORMATION

### Glossary

Cat	Category
EC50	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms.
HSW	Health and Safety at Work.
LC <sub>50</sub>	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.
LD <sub>50</sub>	Lethal dose to kill 50% of test animals/organisms.
LEL	Lower explosive level.
OSHA	American Occupational Safety and Health Administration.
TEL	Tolerable Exposure Limit.
TLV	Threshold Limit Value-an exposure limit set by responsible authority.
UEL	Upper Explosive Level
WES	Workplace Exposure Limit

### References:

1. EPA Hazardous Substances (Safety Data Sheets) Notice 2017
2. Workplace Exposure Standards and Biological Exposure Indices Feb 2025 15th edition.
3. Assigning a hazardous substance to a HSNO Approval (Aug 2013).
4. Transport of Dangerous goods on land NZS 5433:2020
5. HSW (Hazardous Substances) Regulations 2017

### Disclaimer

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Please contact the New Zealand distributor, if further information is required.

Issue Date: 17 March 2026 Review Date: 17 March 2031

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