

# SAFETY DATA SHEET

## Sika®-110 WP Admix



Version 1.0	Revision Date: 26.12.2024	SDS Number: 100000057109	Date of last issue: - Date of first issue: 26.12.2024
----------------	------------------------------	-----------------------------	--

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product identifier** : Sika®-110 WP Admix

**Recommended use of the chemical and restrictions on use**

Product use : Concrete and mortar admixture

**Manufacturer or supplier's details**

Company : Sika (Singapore) Pte Ltd.

28 Tuas South Ave 8  
637648 Singapore

Telephone : +65 6861 0632

**Emergency telephone number** : +65 6861 0632

E-mail address : -

Telefax : +65 6862 3915

### 2. HAZARDS IDENTIFICATION

**Classification of the substance or mixture**

Serious eye damage/eye irritation : Category 2

**GHS Label elements, including precautionary statements**

Hazard pictograms :



Signal word : Warning

Hazard statements : H319 Causes serious eye irritation.

Precautionary statements : **Prevention:**

P264 Wash skin thoroughly after handling.  
P280 Wear eye protection/ face protection.

**Response:**

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337 + P313 If eye irritation persists: Get medical advice/ attention.

# SAFETY DATA SHEET

## Sika®-110 WP Admix



Version  
1.0

Revision Date:  
26.12.2024

SDS Number:  
100000057109

Date of last issue: -  
Date of first issue: 26.12.2024

### Other hazards which do not result in classification

None known.

---

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

### Components

Chemical name	CAS-No.	Concentration (% w/w)
silicic acid, sodium salt, Na <sub>2</sub> O, 3.35 SiO <sub>2</sub>	1344-09-8	>= 1 -< 10
2,2',2"-nitrilotriethanol	102-71-6	>= 1 -< 10

---

## 4. FIRST AID MEASURES

### Description of necessary first-aid measures

General advice : No hazards which require special first aid measures.

If inhaled : Move to fresh air.  
Consult a physician after significant exposure.

In case of skin contact : Take off contaminated clothing and shoes immediately.  
Wash off with soap and plenty of water.  
If symptoms persist, call a physician.

In case of eye contact : Flush eyes with water as a precaution.  
Remove contact lenses.  
Keep eye wide open while rinsing.

If swallowed : Clean mouth with water and drink afterwards plenty of water.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.

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

Risks : Causes serious eye irritation.  
No known significant effects or hazards.  
See Section 11 for more detailed information on health effects and symptoms.

### Indication of any immediate medical attention and special treatment needed

Treatment : Treat symptomatically.

---

## 5. FIREFIGHTING MEASURES

### Extinguishing media

Suitable extinguishing media : Use extinguishing measures that are appropriate to local cir-

# SAFETY DATA SHEET

## Sika®-110 WP Admix



Version  
1.0

Revision Date:  
26.12.2024

SDS Number:  
100000057109

Date of last issue: -  
Date of first issue: 26.12.2024

cumstances and the surrounding environment.

### Special hazards arising from the substance or mixture

Hazardous combustion prod- : No hazardous combustion products are known  
ucts

### Special protective actions for fire-fighters

Special protective equipment : In the event of fire, wear self-contained breathing apparatus.  
for firefighters

Specific extinguishing meth- : Standard procedure for chemical fires.  
ods

---

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

Personal precautions : For personal protection see section 8.

### Environmental precautions

Environmental precautions : No special environmental precautions required.

### Methods and materials for containment and cleaning up

Methods for cleaning up : Wipe up with absorbent material (e.g. cloth, fleece).  
Keep in suitable, closed containers for disposal.

---

## 7. HANDLING AND STORAGE

### Precautions for safe handling

Advice on protection against : Normal measures for preventive fire protection.  
fire and explosion

Advice on safe handling : Do not get in eyes, on skin, or on clothing.  
For personal protection see section 8.  
Follow standard hygiene measures when handling chemical  
products

Hygiene measures : Handle in accordance with good industrial hygiene and safety  
practice.  
When using do not eat or drink.  
When using do not smoke.  
Wash hands before breaks and at the end of workday.

### Conditions for safe storage, including any incompatibilities

Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated  
place.  
Store in accordance with local regulations.

# SAFETY DATA SHEET

## Sika®-110 WP Admix



Version  
1.0

Revision Date:  
26.12.2024

SDS Number:  
100000057109

Date of last issue: -  
Date of first issue: 26.12.2024

---

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Control parameters

#### Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters / Permissible concentration	Basis
2,2',2"-nitrilotriethanol	102-71-6	PEL (long term)	5 mg/m3	SG OEL
		TWA	5 mg/m3	ACGIH

#### Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary.

Skin protection : Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place.

Respiratory protection : Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. The filter class for the respirator must be suitable for the maximum expected contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If this concentration is exceeded, self-contained breathing apparatus must be used.

Hand protection : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

---

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Aqueous solution

Colour : dark yellow

Odour : No data available

Odour Threshold : No data available

pH : ca. 11

Melting point/ range / Freezing point : No data available

Boiling point/boiling range : No data available

Flash point : No data available

# SAFETY DATA SHEET

## Sika®-110 WP Admix



Version 1.0	Revision Date: 26.12.2024	SDS Number: 100000057109	Date of last issue: - Date of first issue: 26.12.2024
----------------	------------------------------	-----------------------------	--

---

Evaporation rate : No data available

Flammability (solid, gas) : No data available

Upper explosion limit / Upper flammability limit : No data available

Lower explosion limit / Lower flammability limit : No data available

Vapour pressure : 23 hPa

Relative vapour density : No data available

Density : ca. 1.1 g/cm<sup>3</sup> (20 °C (68 °F))

Solubility(ies)  
Water solubility : soluble

Solubility in other solvents : No data available

Partition coefficient: n-octanol/water : No data available

Auto-ignition temperature : No data available

Decomposition temperature : No data available

Viscosity  
Viscosity, dynamic : No data available

Viscosity, kinematic : No data available

Explosive properties : No data available

Oxidizing properties : No data available

---

## 10. STABILITY AND REACTIVITY

Reactivity : No dangerous reaction known under conditions of normal use.

Chemical stability : The product is chemically stable.

Possibility of hazardous reactions : No hazards to be specially mentioned.

Conditions to avoid : No data available

Incompatible materials : No data available

Hazardous decomposition products : No hazardous decomposition products are known.

# SAFETY DATA SHEET

## Sika®-110 WP Admix



Version  
1.0

Revision Date:  
26.12.2024

SDS Number:  
100000057109

Date of last issue: -  
Date of first issue: 26.12.2024

---

### 11. TOXICOLOGICAL INFORMATION

#### **Acute toxicity**

Not classified due to lack of data.

#### **Skin corrosion/irritation**

Not classified due to lack of data.

#### **Serious eye damage/eye irritation**

Causes serious eye irritation.

#### **Respiratory or skin sensitisation**

##### **Skin sensitisation**

Not classified due to lack of data.

##### **Respiratory sensitisation**

Not classified due to lack of data.

##### **Germ cell mutagenicity**

Not classified due to lack of data.

##### **Carcinogenicity**

Not classified due to lack of data.

##### **Reproductive toxicity**

Not classified due to lack of data.

##### **STOT - single exposure**

Not classified due to lack of data.

##### **STOT - repeated exposure**

Not classified due to lack of data.

##### **Aspiration toxicity**

Not classified due to lack of data.

---

### 12. ECOLOGICAL INFORMATION

#### **Toxicity**

No data available

#### **Persistence and degradability**

No data available

#### **Bioaccumulative potential**

No data available

#### **Mobility in soil**

No data available

#### **Other adverse effects**

#### **Product:**

Additional ecological information: There is no data available for this product.

# SAFETY DATA SHEET

## Sika®-110 WP Admix



Version 1.0      Revision Date: 26.12.2024      SDS Number: 100000057109

Date of last issue: -  
Date of first issue: 26.12.2024

mation

---

### 13. DISPOSAL CONSIDERATIONS

#### Disposal methods

Waste from residues : Send to a licensed waste management company.  
Do not contaminate ponds, waterways or ditches with chemical or used container.

Contaminated packaging : Empty remaining contents.  
Dispose of as unused product.  
Do not re-use empty containers.

---

### 14. TRANSPORT INFORMATION

#### International Regulations

##### UNRTDG

UN number : Not applicable  
UN proper shipping name : Not applicable  
Transport hazard class(es) : Not applicable  
Subsidiary risk : Not applicable  
Packing group : Not applicable  
Labels : Not applicable  
Environmentally hazardous : no

##### IATA-DGR

UN/ID No. : Not applicable  
UN proper shipping name : Not applicable  
Transport hazard class(es) : Not applicable  
Subsidiary risk : Not applicable  
Packing group : Not applicable  
Labels : Not applicable  
Packing instruction (cargo aircraft) : Not applicable  
Packing instruction (passenger aircraft) : Not applicable

##### IMDG-Code

UN number : Not applicable  
UN proper shipping name : Not applicable  
Transport hazard class(es) : Not applicable  
Subsidiary risk : Not applicable  
Packing group : Not applicable  
Labels : Not applicable  
EmS Code : Not applicable  
Marine pollutant : Not applicable

#### Transport in bulk according to IMO instruments

Not applicable for product as supplied.

# SAFETY DATA SHEET

## Sika®-110 WP Admix



---

Version 1.0	Revision Date: 26.12.2024	SDS Number: 100000057109	Date of last issue: - Date of first issue: 26.12.2024
----------------	------------------------------	-----------------------------	--

---

### Special precautions for user

Not applicable

---

## 15. REGULATORY INFORMATION

### Safety, health and environmental regulations specific for the product in question

Workplace Safety and Health Act and Workplace Safety and Health (General Provisions) Regulations: This product is subjected to the SDS, labelling, PEL and other requirements in the Act/Regulations.

Environmental Protection and Management Act and : Not applicable  
Environmental Protection and Management (Hazardous Substances) Regulations

---

## 16. OTHER INFORMATION

Revision Date : 26.12.2024  
Date format : dd.mm.yyyy

### Full text of other abbreviations

ACGIH : USA. ACGIH Threshold Limit Values (TLV)  
SG OEL : Singapore. Workplace Safety and Health (General Provisions) Regulations - First Schedule Permissible Exposure Limits of Toxic Substances.

ACGIH / TWA : 8-hour, time-weighted average  
SG OEL / PEL (long term) : Permissible Exposure Level (PEL) Long Term  
ADR : European Agreement concerning the International Carriage of Dangerous Goods by Road

CAS : Chemical Abstracts Service  
DNEL : Derived no-effect level

EC50 : Half maximal effective concentration

GHS : Globally Harmonized System

IATA : International Air Transport Association

IMDG : International Maritime Code for Dangerous Goods

LD50 : Median lethal dose (the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals)

LC50 : Median lethal concentration (concentrations of the chemical in air that kills 50% of the test animals during the observation period)

MARPOL : International Convention for the Prevention of Pollution from Ships, 1973 as modified by the Protocol of 1978

OEL : Occupational Exposure Limit

PBT : Persistent, bioaccumulative and toxic

PNEC : Predicted no effect concentration

REACH : Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency

# SAFETY DATA SHEET

## Sika®-110 WP Admix



---

Version 1.0	Revision Date: 26.12.2024	SDS Number: 100000057109	Date of last issue: - Date of first issue: 26.12.2024
----------------	------------------------------	-----------------------------	--

---

SVHC : Substances of Very High Concern  
vPvB : Very persistent and very bioaccumulative

The information contained in this Safety Data Sheet corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the product data sheet prior to any use and processing.

SG / EN