



SECTION I: PRODUCT INFORMATION

PRODUCT: **Sika® SIGUNIT® P1 AF**REVISION DATE: January 15th, 2015

USAGE: Concrete accelerator

MANUFACTURER/SUPPLIER: SIKA CANADA INC.
601, avenue Delmar
Pointe Claire, QC
H9R 4A9**EMERGENCY TELEPHONE NUMBER: CANUTEC (collect) (613) 996-6666**

TDG CLASSIFICATION: Not regulated

WHMIS Classification : D2B

UN NUMBER: Not applicable

TDG Class : Not applicable

Packaging Group: Not applicable

SECTION II: HAZARDOUS INGREDIENTS

Hazardous ingredients	%	T.L.V.	# CAS	LD ₅₀ (mg/kg) (species, route)	LC ₅₀ (species, route)
ALUMINIUM WATER SOLUBLE SALTS, N.O.S	60-100	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE

SECTION III: PHYSICAL CHARACTERISTICS

Physical State: Solid
 Appearance and Odor: White powder, odorless
 Odor Threshold: Not Applicable
 Evaporation Rate: Not Applicable
 Vapor Density: Not Applicable
 Vapor Pressure: Not Applicable

Boiling Point: Not Applicable
 Freezing Point: Not Applicable
 Density: Not Established
 Water Solubility: Soluble
 pH (4.0% solution in water): 2.5 – 4.0
 % volatility: Not Applicable
 Water/Oil Distribution: Not Established



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SECTION IV: FIRE AND EXPLOSION HAZARDS

Flammability: If Yes, under what conditions:	No	TDG Flammability Class: Flammable upper limits (% vol.): Flammable lower limits (% vol.): Flash Point (method used): Auto-ignition temperature: Dangerous Combustion Products:	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Carbon oxides, aluminum oxides, sulfur oxides
Extinguishing methods:	Use agent most appropriate to extinguishing surrounding fire.		
Special Methods:	Fire fighters should wear the usual protective gear and a self-contained breathing apparatus.	Protect from mechanical impact : Protect from static discharge:	Not Applicable Not Applicable

SECTION V: REACTIVITY DATA

Chemical stability: If not, under what conditions:	Yes	Dangerous decomposition products:	Carbon oxides, aluminum oxides, sulfur oxides
Incompatibility with other material If Yes, which ones	Yes Strong acids and oxidizers, moisture	Polymerization Risks:	No



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SECTION VI: TOXIC PROPERTIES

ROUTE OF ENTRY / CONTACT

Eyes: May cause irritation, redness and pain.

Carcinogenicity: Not established

Skin: May cause irritation, redness, itching and pain.

Toxic effects on reproduction : Not established

Inhalation: May cause irritation of the respiratory tract, coughing and shortness of breath.

Teratogenicity: Not established

Ingestion: May cause irritation of the gastrointestinal tract, nausea, vomiting, diarrhea.

Mutagenicity: Not established

Product with synergistic Effects: Not Established

An acute or chronic exposure will increase the toxic effects mentioned in this section and may aggravate respiratory problems.



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SECTION VII: PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT

Gloves: Use rubber or neoprene gloves.

Respiratory equipment: Use a respirator when the exposure of dust is apparent.

Eyes: Safety glasses

Shoes: Safety shoes

Clothing: Body covering clothing

Other: No

OTHERS

Ventilation: Sufficient ventilation required.

Procedure in case of leaks: Sweep up and containerize for disposal. Vacuuming or wet sweeping may be used to avoid dust dispersal.

Handling and Equipment methods: Avoid skin, eye and clothing contact.

Warehouse Requirements: Keep all containers closed in a cool, dry area. Keep away from incompatibles. Keep the containers closed.

Waste Disposal: Dispose of residues according to municipal, provincial and federal laws on chemical waste.



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SECTION VIII: FIRST AID

- Skin:** Flush with plenty of water for a minimum of 15 minutes while taking off all contaminated clothes.
Wash all clothes before reusing.
Consult a physician if irritation persists.
- Eyes:** Flush with plenty of water for at least 15 minutes forcibly holding eyelids apart.
Consult a physician immediately..
- Inhalation:** In the case of overexposure, evacuate to fresh air.
If the person stops breathing, give artificial respiration.
Consult a physician immediately.
- Ingestion** Drink plenty of water. Do not induce vomiting.
Do not give anything by mouth to an unconscious person.
See a physician immediately.

SECTION IX: PREPARATION INFORMATION

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