

SAFETY DATA SHEET

according to the Hazardous Products Regulations



Sikalastic-918 FS Formerly MSeal 918FS

Version	Revision Date:	SDS Number:	Date of last issue: 05/17/2021
2.0	04/07/2025	000000260462	Date of first issue: 05/17/2021

SECTION 1. IDENTIFICATION

Product name : Sikalastic-918 FS Formerly MSeal 918FS
Product code : 000000000050002009
Other means of identification : No data available

Manufacturer or supplier's details

Company name of supplier : Sika MBCC Canada, Inc.
Address : 601 DELMAR AVE
Pointe-Claire QC H9R 4A9
Emergency telephone : ChemTel: +1-813-248-0585;
National Emergency Telephone Number : Canada: 1-800-255-3924 ChemTel contract no. MIS9240420

Recommended use of the chemical and restrictions on use

Recommended use : Curing chemical
Restrictions on use : Reserved for industrial and professional use.

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with the Hazardous Products Regulations

Organic peroxides : Type D
Combustible dust
Eye irritation : Category 2A
Skin sensitization : Category 1
Reproductive toxicity : Category 1B
Short-term (acute) aquatic hazard : Category 1
Long-term (chronic) aquatic hazard : Category 1

GHS label elements

SAFETY DATA SHEET

according to the Hazardous Products Regulations



Sikalastic-918 FS Formerly MSeal 918FS

Version 2.0 Revision Date: 04/07/2025 SDS Number: 000000260462 Date of last issue: 05/17/2021
Date of first issue: 05/17/2021

Hazard pictograms

:



Signal Word

:

Danger

Hazard Statements

:

H242 Heating may cause a fire.
May form combustible dust concentrations in air.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H360D May damage the unborn child.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.

Precautionary Statements

:

Prevention:

P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P234 Keep only in original packaging.
P235 Keep cool.
P240 Ground and bond container and receiving equipment.
P261 Avoid breathing dust.
P264 Wash skin thoroughly after handling.
P272 Contaminated work clothing must not be allowed out of the workplace.
P273 Avoid release to the environment.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection/ hearing protection.

Response:

P302 + P352 IF ON SKIN: Wash with plenty of water.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308 + P313 IF exposed or concerned: Get medical advice/ attention.
P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.
P337 + P313 If eye irritation persists: Get medical advice/ attention.
P362 + P364 Take off contaminated clothing and wash it before reuse.
P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.
P391 Collect spillage.

Storage:

P403 Store in a well-ventilated place.
P405 Store locked up.
P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 40 °C/ 104 °F.

SAFETY DATA SHEET

according to the Hazardous Products Regulations



Sikalastic-918 FS Formerly MSeal 918FS

Version 2.0 Revision Date: 04/07/2025 SDS Number: 000000260462 Date of last issue: 05/17/2021
Date of first issue: 05/17/2021

P420 Store away from other materials.

Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture
Chemical nature : Organic Peroxides, Solid

Components

Chemical name	Common Name/Synonym	CAS-No.	Concentration (% w/w)
dicyclohexyl phthalate	1,2-Benzenedicarboxylic acid, dicyclohexyl ester	84-61-7	$\geq 50 - < 70$ *
Dibenzoyl peroxide	Benzoyl peroxide	94-36-0	$\geq 50 - < 70$ *

* Actual concentration or concentration range is withheld as a trade secret

SECTION 4. FIRST AID MEASURES

General advice : First aid personnel should pay attention to their own safety. Remove contaminated clothing immediately and clean before re-use or dispose it if necessary.

If inhaled : After inhalation of dust. Keep patient calm, remove to fresh air, seek medical attention.

In case of skin contact : After contact with skin, wash immediately with plenty of water and soap. Under no circumstances should organic solvent be used. If irritation develops, seek medical attention.

In case of eye contact : Contact lenses should be removed. Hold eyelids open and flush with copious amounts of clean, fresh water or a special eyewash solution and seek medical advice. Protect unharmed eye.

If swallowed : Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention. Do NOT induce vomiting.

Most important symptoms : May cause an allergic skin reaction.

SAFETY DATA SHEET

according to the Hazardous Products Regulations



Sikalastic-918 FS Formerly MSeal 918FS

Version	Revision Date:	SDS Number:	Date of last issue: 05/17/2021
2.0	04/07/2025	000000260462	Date of first issue: 05/17/2021

and effects, both acute and delayed : Causes serious eye irritation.
May damage the unborn child.

Notes to physician : Treat symptomatically.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Foam
Water spray
Dry powder
Carbon dioxide (CO₂)

Unsuitable extinguishing media : water jet

Specific hazards during fire fighting : Vapors may form explosive mixture with air.
Fire burns more vigorously than would be expected.
Flash back possible over considerable distance.
The product will float on water and can be reignited on surface water.

Hazardous combustion products : harmful vapours
nitrogen oxides
fumes/smoke
carbon black
carbon oxides

Further information : For safety reasons in case of fire, cans should be stored separately in closed containments.
Use a water spray to cool fully closed containers.
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Special protective equipment for fire-fighters : Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.
Avoid dust formation.
Avoid breathing dust.
Remove all sources of ignition.

Environmental precautions : Contain contaminated water/firefighting water.
Do not discharge into drains/surface waters/groundwater.

SAFETY DATA SHEET

according to the Hazardous Products Regulations



Sikalastic-918 FS Formerly MSeal 918FS

Version 2.0 Revision Date: 04/07/2025 SDS Number: 000000260462 Date of last issue: 05/17/2021
Date of first issue: 05/17/2021

Methods and materials for containment and cleaning up : To clean the floor and all objects contaminated by this material, use plenty of water.
Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Place into suitable container for disposal.
Non-sparking tools should be used.
Avoid dust formation.

SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion : Prevent electrostatic charge - sources of ignition should be kept well clear - fire extinguishers should be kept handy.
Avoid dust formation.
Dust can form an explosive mixture with air.
Keep away from sources of ignition - No smoking.
Use explosion-proof equipment.
Keep away from combustible material.

Advice on safe handling : Do not breathe vapors/dust.
Avoid contact with skin and eyes.
Avoid formation of respirable particles.
Take precautionary measures against static discharges.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Provide sufficient air exchange and/or exhaust in work rooms.
For personal protection see section 8.
Persons susceptible to skin sensitization problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.
Protect from contamination.

Conditions for safe storage : Keep only in the original container in a cool, dry, well-ventilated place away from ignition sources, heat or flame.
Keep tightly closed.

Materials to avoid : Keep away from reducing agents (e.g. amines), acids, alkalis, heavy metal compounds (e.g. accelerators, driers, metal soaps).
Segregate from combustible materials.

Recommended storage temperature : < 30 °C

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
------------	---------	-------------------------------	--	-------

SAFETY DATA SHEET

according to the Hazardous Products Regulations



Sikalastic-918 FS Formerly MSeal 918FS

Version 2.0 Revision Date: 04/07/2025 SDS Number: 000000260462 Date of last issue: 05/17/2021
Date of first issue: 05/17/2021

Dibenzoyl peroxide	94-36-0	TWA	5 mg/m3	CA AB OEL
		TWA	5 mg/m3	CA BC OEL
		TWAEV	5 mg/m3	CA QC OEL
		TWA	5 mg/m3	ACGIH

Engineering measures : Use feasible engineering controls to minimize exposure to compound.

Personal protective equipment

Respiratory protection : Wear appropriate certified respirator when exposure limits may be exceeded.
Wear a NIOSH-certified (or equivalent) organic vapour/particulate respirator.

Hand protection

Remarks : Chemical resistant protective gloves. Manufacturer's directions for use should be observed because of great diversity of types.

Eye protection : Wear safety glasses with side shields or goggles.

Skin and body protection : Body protection must be chosen depending on activity and possible exposure, e.g. head protection, apron, protective boots, chemical-protection suit.

Protective measures : Avoid inhalation of dusts.
Wearing of closed work clothing is required additionally to the stated personal protection equipment.
Avoid exposure - obtain special instructions before use.
Handle in accordance with good building materials hygiene and safety practice.

Hygiene measures : When using, do not eat, drink or smoke.
Hands and/or face should be washed before breaks and at the end of the shift.
At the end of the shift the skin should be cleaned and skin-care agents applied.
Gloves must be inspected regularly and prior to each use.
Replace if necessary (e.g. pinhole leaks).

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : powder

Color : white

Odor : aromatic

Odor Threshold : not determined

SAFETY DATA SHEET

according to the Hazardous Products Regulations



Sikalastic-918 FS Formerly MSeal 918FS

Version	Revision Date:	SDS Number:	Date of last issue: 05/17/2021
2.0	04/07/2025	000000260462	Date of first issue: 05/17/2021

pH : substance/mixture is non-soluble (in water)

Melting point/ range : Decomposes without melting.

Freezing point : No data available

Boiling point/boiling range : Not applicable

Flash point : Not applicable

Evaporation rate : The product is a non-volatile solid.

Flammability (solid, gas) : May form combustible dust concentrations in air.

Upper explosion limit / Upper flammability limit : No data available

Lower explosion limit / Lower flammability limit : No data available

Vapor pressure : Not applicable

Relative vapor density : Not applicable

Relative density : 1.23 (20 °C)

Density : 1.23 g/cm³ (20 °C)

Solubility(ies)

 Water solubility : insoluble

 Solubility in other solvents : No data available

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

Decomposition temperature : 60 °C
Violent decomposition and deflagration takes place above the indicated temperature or under local heating.
Risk of exothermic self-accelerating decomposition above the indicated temperature.

Self-Accelerating decomposition temperature (SADT) : 60 °C
Method: UN-Test H.4

Viscosity

 Viscosity, dynamic : Not applicable

 Viscosity, kinematic : Not applicable

SAFETY DATA SHEET

according to the Hazardous Products Regulations



Sikalastic-918 FS Formerly MSeal 918FS

Version	Revision Date:	SDS Number:	Date of last issue: 05/17/2021
2.0	04/07/2025	000000260462	Date of first issue: 05/17/2021

Explosive properties : Not explosive

Self-heating substances : No data available

Sublimation point : No data available

Molecular weight : Not applicable

Peroxide content : 45 - 50 %

SECTION 10. STABILITY AND REACTIVITY

Reactivity : Stable under recommended storage conditions.

Chemical stability : The product is stable if stored and handled as prescribed/indicated.

Possibility of hazardous reactions : Dust may form explosive mixture in air.

Conditions to avoid : Avoid all sources of ignition: heat, sparks, open flame.
Avoid direct sunlight.
Avoid contamination.
Contact with incompatible substances can cause decomposition at or below SADT.

Incompatible materials : Strong acids and strong bases
Heavy metals
Reducing agents
Rust
Combustible material

Hazardous decomposition products : In case of fire hazardous decomposition products may be produced such as:
irritating gas
toxic gases/vapours
flammable gases/vapours

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Not classified based on available information.

Skin corrosion/irritation

Not classified based on available information.

Serious eye damage/eye irritation

Causes serious eye irritation.

SAFETY DATA SHEET

according to the Hazardous Products Regulations



Sikalastic-918 FS Formerly MSeal 918FS

Version	Revision Date:	SDS Number:	Date of last issue: 05/17/2021
2.0	04/07/2025	000000260462	Date of first issue: 05/17/2021

Respiratory or skin sensitization

Skin sensitization

May cause an allergic skin reaction.

Respiratory sensitization

Not classified based on available information.

Germ cell mutagenicity

Not classified based on available information.

Carcinogenicity

Not classified based on available information.

Reproductive toxicity

May damage the unborn child.

STOT-single exposure

Not classified based on available information.

STOT-repeated exposure

Not classified based on available information.

Aspiration toxicity

Not classified based on available information.

Further information

Product:

Remarks : Health injuries are not known or expected under normal use. The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Product:

Ecotoxicology Assessment

Acute aquatic toxicity : Very toxic to aquatic life.

Chronic aquatic toxicity : Very toxic to aquatic life with long lasting effects.

Persistence and degradability

No data available

Bioaccumulative potential

No data available

Mobility in soil

No data available

SAFETY DATA SHEET

according to the Hazardous Products Regulations



Sikalastic-918 FS Formerly MSeal 918FS

Version	Revision Date:	SDS Number:	Date of last issue: 05/17/2021
2.0	04/07/2025	000000260462	Date of first issue: 05/17/2021

Other adverse effects

Product:

Additional ecological information : Do not discharge product into the environment without control. The product has not been tested. The statements on ecotoxicology have been derived from the properties of the individual components.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : Dispose of in accordance with national, state and local regulations.
Do not discharge into drains/surface waters/groundwater.
Do not contaminate ponds, waterways or ditches with chemical or used container.

Contaminated packaging : Contaminated packaging should be emptied as far as possible and disposed of in the same manner as the substance/product.
Do not reuse empty containers.
Do not burn, or use a cutting torch on, the empty drum.

SECTION 14. TRANSPORT INFORMATION

International Regulations

UNRTDG

UN number : UN 3106
Proper shipping name :
(DIBENZOYL PEROXIDE)
Class : 5.2
Packing group : Not assigned by regulation
Labels : 5.2
Environmentally hazardous : no

IATA-DGR

UN/ID No. : UN 3106
Proper shipping name :
(DIBENZOYL PEROXIDE)
Class : 5.2
Packing group : Not assigned by regulation
Labels : Organic Peroxides, Keep Away From Heat
Packing instruction (cargo aircraft) : 570
Packing instruction (passenger aircraft) : 570

IMDG-Code

UN number : UN 3106
Proper shipping name :
(DIBENZOYL PEROXIDE)

SAFETY DATA SHEET

according to the Hazardous Products Regulations



Sikalastic-918 FS Formerly MSeal 918FS

Version	Revision Date:	SDS Number:	Date of last issue: 05/17/2021
2.0	04/07/2025	000000260462	Date of first issue: 05/17/2021

Class	:	5.2
Packing group	:	Not assigned by regulation
Labels	:	5.2
EmS Code	:	F-J, S-R
Marine pollutant	:	no

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

Domestic regulation

TDG

UN number	:	UN 3106
Proper shipping name	:	

(DIBENZOYL PEROXIDE)

Class	:	5.2
Packing group	:	II
Labels	:	5.2
ERG Code	:	145
Marine pollutant	:	no

Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

SECTION 15. REGULATORY INFORMATION

The ingredients of this product are reported in the following inventories:

TSCA	:	All substances listed as active on the TSCA inventory
DSL	:	All components of this product are on the Canadian DSL

SECTION 16. OTHER INFORMATION

Full text of other abbreviations

ACGIH	:	USA. ACGIH Threshold Limit Values (TLV)
CA AB OEL	:	Canada. Alberta, Occupational Health and Safety Code (table 2: OEL)
CA BC OEL	:	Canada. British Columbia OEL
CA QC OEL	:	Québec. Regulation respecting occupational health and safety, Schedule 1, Part 1: Permissible exposure values for airborne contaminants
ACGIH / TWA	:	8-hour, time-weighted average
CA AB OEL / TWA	:	8-hour Occupational exposure limit
CA BC OEL / TWA	:	8-hour time weighted average
CA QC OEL / TWAEV	:	Time-weighted average exposure value

AIIC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR -

SAFETY DATA SHEET

according to the Hazardous Products Regulations



Sikalastic-918 FS Formerly MSeal 918FS

Version	Revision Date:	SDS Number:	Date of last issue: 05/17/2021
2.0	04/07/2025	000000260462	Date of first issue: 05/17/2021

Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECl - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TECl - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

Revision Date : 04/07/2025
Date format : mm/dd/yyyy

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

CA / EN