

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**Substances/mixtures**

Ingrédient	Weight %	CAS N°
Silicic acid potassium salt	15-40	1312-76-1
Methyl Siliconate	1-5	31795-24-1
Other components are not classified under GHS rules	N/A	N/A

Note: The exact concentration of ingredients has been withheld as a trade secret.

SECTION 4. FIRST AID MEASURES**DESCRIPTION OF FIRST AID**

EYES CONTACT: Rinse immediately with potable water for several minutes remove contact lenses, if present and easy to do so continue rinsing CALL A POISON CENTER AND A DOCTOR IMMEDIATELY

SKIN CONTACT: Use soap and water to remove from skin, remove contaminated clothing and clean before reuse

INHALATION : Remove person to fresh air keep comfortable for breathing. Seek medical attention if breathing is difficult.

INGESTION: Rinse mouth with water, do not induce vomiting CALL A POISON CENTER AND A DOCTOR IMMEDIATELY

INDICATIONS OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

No information available.

SECTION 5. FIRE FIGHTING MEASURES**EXTINGUISHING MEDIA:**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment

SPECIAL HAZARDS ARISING FROM THE MIXTURE:

Not flammable or combustible.

Hazardous combustion products: Decomposition products may include the following materials: Carbon oxides, nitrogen oxides (NOx), Sulphur oxides,

ADVICE FOR FIRE FIGHTER:

Specific hazards during firefighting:

Special protective equipment for firefighters: Use personal protective equipment.

Specific extinguishing methods: Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

In the event of fire and do not breathe fumes.

Risk of explosion: Not available

SECTION 6.**ACCIDENTAL RELEASE MEASURES****PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:**

Protective equipment and emergency procedures: Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Avoid inhalation, ingestion and contact with skin, clothes and eyes. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in sections 7 and 8.

ENVIRONMENTAL PRECAUTIONS:

Do not allow contact with soil, surface or ground water.

METHOD AND MATERIAL FOR CONTAINMENT AND CLEANING UP

Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Flush away traces with water. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway

SECTION 7.**HANDLING AND STORAGE****PRECAUTION FOR SAFE HANDLING:**

Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Use only in well-ventilated areas. Avoid breathing vapours or spray mists. Remove and wash contaminated clothing and footwear before re-use

CONDITIONS FOR SAFE STORAGE, INCLUDING INCOMPATIBILITIES:

Storage temperature: 5 °C to 40 °C

Keep from freezing. Keep container sealed when not use. Keep out of reach of children

SPECIFIC END USE: No information available

SECTION 8.**EXPOSURE CONTROLS/PERSONAL PROTECTION****EXPOSURE CONTROLS****Engineering Control:**

Use only with adequate ventilation. Use local ventilation and other engineering controls to maintain airborne contaminants below established and recommended exposure limits.

Environmental exposure control:

No specific environmental exposure control known.

Personal protective Equipment (PPE):

Eye protection: Wear eye protection/face protection.

Hand protection: Wear long sleeves neoprene gloves

Skin protection: Apron, gloves (rubber or neoprene)

Respiratory protection: No personal respiratory protective equipment normally required.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice. Wash face, hands and any exposed skin thoroughly after handling. Provide suitable facilities for quick drenching or flushing of the eyes and body in case of contact or splash

SECTION 9.	PHYSICAL AND CHEMICAL PROPERTIES
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Apparence	: Liquid
Color	: Limpid
Odor	: Neutral
PH	: 11.8
Freezing point	: Below 0 c
Initial boiling point/boiling range	: > 100 °C
Evaporation rate	: no data available
Inflammability (solid, gaz)	: no data available
Upper/Lower flammability/exposure limit	: No date available
Relative Density	: 1.045 -1.050
Solubility	: Soluble in water
Partition Coefficient (n-octanol/water)	: no data available
Auto ignition temperature	: no data available
Decomposition temperature	: no data available
Viscosity,	: no data available
Explosives Properties	: no
Oxidizing Properties	: No
Flash Point	: Not applicable
VOC	: No Voc

SECTION 10.	STABILITY AND REACTIVITY
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REACTIVITY	None known
CHEMICAL STABILITY	Stable Under normal conditions
POSSIBILITY OF HAZARDOUS REACTIONS	No hazardous reaction under normal use
CONDITION TO AVOID	Incompatible materials
INCOMPATIBLE MATERIALS	Acids, and oxidizing agents
HAZARDOUS DECOMPOSITION PRODUCT	Carbon oxydes, nitrogen oxydes, sulfur oxydes

SECTION 11.	TOXICOLOGIC INFORMATION
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INFORMATIONS OF TOXICOLOGICAL EFFECTS

Acute Toxicity:

Information on likely routes of exposure: Inhalation, Eye contact, Skin contact

Potential Health Effects

Product AS SOLD

Eyes: Causes serious eye irritation.

Skin: Health injuries are not known or expected under normal use.

Ingestion: Harmful if swallowed.

Inhalation: Health injuries are not known or expected under normal use.

Chronic Exposure: Health injuries are not known or expected under normal use.

SKIN CORROSION :	No symptom known are expected under normal use
SERIOUS EYES DAMAGE/IRRITATION:	Serious eye irritation category 2
INGESTION	Harmful if swallowed

RESPIRATORY OR SKIN SENSITIZATION :	No symptom known are expected under normal use
GERM CELL MUTAGENICITY:	No symptom known are expected under normal use
CANCEROGENICITY:	No symptom known are expected under normal use

SECTION 12. ECOLOGICAL INFORMATIONS

Environmental Effects : No data available
 Toxicity for fish : No data available
 Toxicity to daphnia and other aquatic invertebrates : No data available
 Toxicity to algae : No data available

SECTION 13. DISPOSAL CONSIDERATION

Product AS SOLD

Disposal methods: The product should not be allowed to enter drains, water courses or The soil. Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of wastes in an approved waste Disposal facility.

Disposal considerations: Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not reuse empty containers. Dispose of in accordance with local, state, and federal regulations.

SECTION 14. TRANSPORT INFORMATION

The shipper/consignor/sender is responsible to ensure that the packaging, labeling, and markings are In compliance with the selected mode of transport.

This product is not a marine pollutant

TDG: Not Regulated
 DOT: Not Regulated
 IATA: Not Regulated
 ADR: Not Regulated
 IMDG: Not Regulated

CANADA-FEDERAL regulations**DSL-Domestic Substances List**

DSL Inventory: All the substances are listed in the DSL

NDSL: Non Domestic Substances List: No substances listed

NPRI: National pollutant release Inventory

Substances listed in NPRI: No substances listed

USA-FEDERAL regulations**TSCA-Toxic Substances Control Act**

TSCA Inventory: All the components are listed on the TSCA inventory

TSCA LISTED SUBSTANCES:

Potassium Silicate: is listed in TSCA Section 8B

Potassium Methyl Siliconate: Is listed in TSCA section 8B

SARA- Superfund Amendments and Reauthorization Act

SECTION 302-Extremely Hazardous Substances: No substances listed

SECTION 304-HAZARDOUS SUBSTANCES: No substances listed

SECTION 313-TOXIC CHEMICAL LIST: No substances listed

CERCLA-Comprehensive Environmental response, compensation, and Liability act

Substances listed under CERCLA: No substances listed

CCA-CLEAN AIR ACT:

CAA listed substances: No substances listed

CWA-CLEAN WATER ACT

CWA listed substances; No substances listed

USA STATE SPECIFIC REGULATIONS**CALIFORNIA proposition 65**

Substances listed under California proposition 65: No substances listed

MASSACHUSETTS RIGHT TO KNOW:

Substances listed under MASSACHUSETTS right to know: No substances listed

PENNSYLVANIA RIGHT TO KNOW:

Substances listed under PENNSYLVANIA right to know: No substances listed

NEW JERSEY RIGHT TO KNOW:

Substances listed under New Jersey right to know: No substances listed

DETAIL OF INTERNATIONAL REGISTRATION STATUS:

Relevant information about individual substances inventories, where available, is given below.

This product is listed or complies with, the substances inventory of the following country

South Korea (Republic of Korea) ECL (Existing Chemicals List)

Japan ENCS (HANDBOOK of EXISTING and NEW Chemical Substances)

Australia AICS (AUSTRALIAN inventory of Chemicals substances)

People's Republic of China ECSC (Inventory of Existing Chemicals Substances in China)

Canada DSL Domestic Substances List)

Philippines PICCS) Philippines inventory of Chemicals and Chemicals substances)

USA TSCA (Toxic Substances Control Act Chemicals Substances inventory)

EUROPEAN ECONOMIC AREA (EEA) REACH (Regulation (EC)

General Note: the registration obligations for substances imported into the EEA or

Manufactured within the EEA by the supplier mentioned in section 1 are fulfilled by the said supplier The registration obligations for the substances imported into the EEA by customers or other downstream users must be fulfilled by the latter.

This product has been classified according to the hazard criteria of the HPR and the SDS contains all

Of the information required by the HPR



SECTION 16.**OTHER INFORMATION****WHMIS III :**

0 = Not significant, 1 =Light, 2 = Moderate, 3 = High 4 = Extreme, * =
Chronical

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Prepared by: CoilSHIELD™ Regulatory affairs

REVISED INFORMATION: Important changes to the information Regulatory and

Health information is reported in this revision by a line in the left margin of the MSDS. The information contained in this safety data sheet was prepared on the basis of our knowledge at the date of publication of this document. This information is indicative only to enable the handling, use, manufacture, storage, transportation, disposal, provision, use and elimination

HEALTH	2
FLAMABILITY	0
PHYSICAL HAZARD	0

6