


**Safety Data Sheet SDS- MINERAL ARMOR PROTECTOR**

**SECTION 1. IDENTIFICATION OF PRODUCT AND COMPANY**

Product name: Mineral Armor CONCENTRATED Protector MSPC1  
 Other mean of identification: Not applicable  
 Recommended use: MINERAL FLOOR PROTECTIVE & DENSIFYING COATING  
 Restrictions on use: Reserved for industrial and professional use  
 Dilution: According to label directions  
 Company: MINERAL ARMOR  
 1221 Innovation Drive  
 Emergency Telephone number: Whitewater, WI 53190 USA  
 414-788-9208  
 SALES@MINERALARMOR.COM

**SECTION 2. HAZARDS IDENTIFICATION**

<b>Classification</b>	Acute toxicity - oral 4 Skin irritation 2 Serious eye damage 1	
<b>Signal word</b>	<b>DANGER</b>	
<b>Hazard statement</b>	H302 H315 H318	Harmful if swallowed. Causes skin irritation. Causes serious eye damage.
<b>Precautionary statement Prevention</b>	P102 P103 P264 P270 P280	Keep out of the reach of children Read label before use Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection.
<b>Precautionary statement Response</b>	P301P330+P331+P310  P302+P352 P321 P332+P313 P362+P364 P305+P351+P338  P310	IF SWALLOWED: Rinse mouth. Do not induce vomiting. Immediately call a Poison Center/Doctor IF ON SKIN: Wash with plenty of water. Specific treatment: Wash thoroughly with soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.
<b>Precautionary statement Stocking</b>	P405	Store locked up
<b>Precautionary statement Disposal</b>	P501	Dispose contents/containers according to municipal, provincial and federal regulations.

**Others Hazard:**  
No other hazards are known to the supplier

**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:** Take off Immediately all contaminated clothing. Rinse skin with potable water /shower) IF redness appear CALL A POISON CENTER AND A DOCTOR IMMEDIATELY

**INHALATION :** Remove person to fresh air keep comfortable for breathing. CALL A POISON CENTER AND A DOCTOR IMMEDIATELY

**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. If this product contains ingredients with exposure limits, monitoring may be required to determine the effectiveness of ventilation and other control measures

**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

<b>SECTION 9.</b>	<b>PHYSICAL AND CHEMICAL PROPERTIES</b>
-------------------	---

Apparence	:	Liquid
Color	:	Limpid
Odor	:	Neutral
PH	:	13.0 -13.8
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

<b>SECTION 10.</b>	<b>STABILITY AND REACTIVITY</b>
--------------------	---------------------------------

<b>REACTIVITY</b>	None know
<b>CHEMICAL STABILITY</b>	Stable Under normal conditions
<b>POSSIBILITY OF HAZARDOUS REACTIONS</b>	No hazardous reaction under normal use
<b>CONDITION TO AVOID</b>	Incompatible materials
<b>INCOMPATIBLE MATERIALS</b>	Acids, and oxidizing agents
<b>HAZARDOUS DECOMPOSITION PRODUCT</b>	Carbon oxydes, nitrogen oxydes, sulfur oxydes

<b>SECTION 11.</b>	<b>TOXICOLOGIC INFORMATION</b>
--------------------	--------------------------------

**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 damage.

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 damages category 1
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

UN number for TDG, ADR, DOT: UN 3267, Class 8, PG 111

Number for IATA and IMDG: 3267, Class 8, PG 111

**Land transport (TDG):** Proper shipping name TDG, ADR, DOT, IATA, IMDG

**Corrosive liquid, Basic, Organic NOS:** (Potassium methyl silicate sol) UN 3267, Class 8, PG III

**SPECIAL PRECAUTIONS IN CONNECTION WITH TRANSPORT OR CONVENIENCE:**

TDG: Special provision 16  
 DOT: Special provision 1B3, T 7, TP1, TP2B  
 DOT: Label(s) 8  
 DOT: Symbol N/A  
 DOT: Cargo Aircraft N/A  
 DOT: Passenger Aircraft: N/A  
 DOT: Bulk N/A  
 DOT: Non bulk N/A

**ROAD AND RAIL (ADR-RID)**

ADR: Label 8  
 ADR: Hazards identification number 80  
 ADR: Transport category (tunnel restriction code):3(e)

**AIR (IATA)**

IATA- passenger aircraft: 852  
 IATA- cargo aircraft: 856  
 IATA –label: 8  
 IATA-Subrisk: -  
 IATA: Erg: 8L  
 IATA: Special provisions: A3 A803

**SEA (IMDG)**

IMDG-Stowage code: Category A SW2  
 IMDG: Stowage note: SG35  
 IMDG: Subrisk –  
 IMDG-Special provisions: 223 274  
 IMDG: Page: N/A  
 IMDG: label: N/A  
 IMDG:-EMS: F-A, S-B  
 IMDG: MFAG: N/A

**SECTION 15. REGULATORY INFORMATION**

**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  
 Silicic Acid lithium salt: 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 PENNSYLLVANIA 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

<b>SECTION 16.</b>	<b>OTHER INFORMATION</b>
--------------------	--------------------------

**WHMIS III :**

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

ISSUE DATE: 10/07/2019    Version: 1.0

Prepared by: Prime Nanotech inc 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

<b>HEALTH</b>	<b>2</b>
<b>FLAMABILITY</b>	<b>0</b>
<b>PHYSICAL HAZARD</b>	<b>0</b>