

MATERIAL SAFETY DATA SHEET

MAXON TECHNOLOGIES - C2M (Powder)

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product Identifier

Product Form : Mixture
Trade Name : MAXON Technologies C2M (Powder)
Other Means of Identification : Dry Mineral Powder

1.2 Relevant identified uses of the substance or mixture and uses advised against

Other use of substance/mixture : None

1.3 Details of the supplier of the Safety Data Sheet

MAXON Technologies Phone : (424)236-4660
5400 W. Rosecrans Ave. Toll Free : (888)762-9668
Suite 105 Web : www.maxontechnologies.com
Hawthorne, CA 90250 Email : contactus@maxontechnologies.com

1.4 Emergency contact information

Chemtrec (24 hours) Phone : (800) 424-9300 or (703) 527-3887

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (GHS-US)

Skin Irrit. 2	H315	Ingestion	H303
Eye Irrit. 2A	H319	Resp. Irrit.	H335
Cancer	H351		

2.2 Label elements

GHS-US Labeling

Hazard Pictograms (GHS-US) :



Signal Word (GHS-US) :

WARNING

Hazard Statements (GHS-US) :

Causes skin and respiratory irritation
Causes serious eye irritation
Suspected of causing cancer

Precautionary Statements (GHS-US) :

Wear protective gloves/protective clothing/protective eyewear/face protection.
If on skin: Wash with plenty of soap and water.
If in eyes: Rinse with water for several minutes. Remove contacts. Continue rinsing.
If exposed or concerned: Get medical attention.
Specific treatment (see clothing, heat, eye, face protection on this SDS).
If skin irritation occurs: Get medical advice/attention.
If eye irritation persists: Get medical advice/attention.
Remove contaminated clothing and wash before reuse.
Store locked up.

2.3 Other hazards

Other hazards not contributing to the classification : none

2.4 Unknown acute toxicity (GHS-US)

None

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SECTION 3: Composition/information on ingredients

3.1 Substance

Not applicable

3.2 Mixture: Hazardous ingredients

Name	Product Identifier	%	Classification (GHS-US)
Synthetic Pyrogenic Silica	112945-52-5	<2.5%	H315 - Causes skin irritation H319 - Causes serious eye irritation H335 - May cause respiratory irritation
2,4,6-Triamino-1,3,5-triazine	108-78-1	<5.0%	H315 - Causes skin irritation H319 - Causes serious eye irritation H335 - May cause respiratory irritation
Trade Secret	Trade Secret	<0.5%	H303 - May be harmful if swallowed H315 - Causes skin irritation H319 - Causes serious eye irritation H335 - May cause respiratory irritation
Silicon Dioxide	7631-86-9	<1.0%	H319 - Causes serious eye irritation H335 - May cause respiratory irritation
Crystalline Silica (Quartz)	14808-60-7	<0.01%	H319 - Causes serious eye irritation H335 - May cause respiratory irritation H351 - Suspected of causing cancer
Trade Secret	Trade Secret	<0.5%	H303 - May be harmful if swallowed H315 - Causes skin irritation H319 - Causes serious eye irritation H335 - May cause respiratory irritation
Zirconium Oxide	1314-23-4	<15.0%	H319 - Causes serious eye irritation H335 - May cause respiratory irritation
Iron Oxide	1317-61-9	<15.0%	H319 - Causes serious eye irritation H335 - May cause respiratory irritation
Trade Secret	Trade Secret	<10.0%	H319 - Causes serious eye irritation H335 - May cause respiratory irritation
Silicon Carbide	409-21-2	< 15.0%	H315 - Causes skin irritation H319 - Causes serious eye irritation H335 - May cause respiratory irritation
Wollastonite	13983-17-10	<10.0%	H319 - Causes serious eye irritation

SECTION 4: First aid measures

4.1 Description of first aid measures

First aid measures general	: If exposed or concerned, get medical advice/attention.
First aid measures after inhalation	: Allow victim to get fresh air. Allow victim to rest.
First aid measures after skin contact	: Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation occurs, get medical advice/attention.
First aid measures eye contact	: Rinse with water for several minutes. Remove contact lenses. Continue rinsing. If eye irritation persists, get medical advice/attention.
First aid measures ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms/injuries after eye contact	: Causes serious eye irritation
Symptoms/injuries after skin contact	: Causes skin irritation

4.3 Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

This product is not combustible.

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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel

Emergency Procedures : Evacuate unnecessary personnel

6.1.2 For emergency responders

Protective equipment : Equip cleanup crew with proper protection

Emergency Procedures : Ventilate area

6.2 Environmental Precautions

Limit exposure to environment.

6.3 Methods and material for containment and cleanup

Methods for cleaning up : Minimize dust generation. Do not dry sweep. Vacuum dust with equipment fitted with a HEPA filter and place in a closed labeled waste container.

6.4 Reference to other sections

See heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Additional hazards when processed : Good ventilation of the workplace required
Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent accumulation of vapor. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.

Handling temperature : 5 - 40 degrees C

Hygiene measures : Wash hands and other exposed areas with mild soap before eating, drinking or smoking, and when leaving work.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures : No additional information

Storage conditions : Keep container closed when not in use. Protect against moisture.

Incompatible products : Strong bases. Strong acids.

Incompatible materials : No additional information

Maximum storage period : 12 months

Storage temperature : 4 - 30 degrees C

7.3 Specific end use(s)

No additional information.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

No additional information

8.2 Exposure controls

Personal protective equipment : Avoid all unnecessary exposure

Hand protection : Wear protective gloves

Eye protection : Wear chemical goggles or safety glasses

Skin and body protection : Wear suitable protective clothing

Respiratory protection : Wear appropriate mask

Other information : Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1 Information based on basic and physical chemical properties

Physical state : Dry powder

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Color	: Gray
Odor	: Odorless
Odor threshold	: No data available
pH	: 7 - 8
Relative evaporation rate (butyl acetate=1)	: No data available
Melting point	: Not applicable
Freezing point	: Not applicable
Boiling point	: Not applicable
Flash Point	: Not applicable
Auto-ignition temperature	: Not applicable
Decomposition temperature	: Not applicable
Flammability (solid, gas)	: Not applicable
Vapor pressure	: Not applicable
Relative vapor density at 20 degrees C	: Not applicable
Relative density	: Not applicable
Specific gravity / density	: Not applicable
Percent solids	: 100%
Solubility	: Not soluble in water
Log Pow	: Not applicable
Log Kow	: Not applicable
Viscosity, kinematic	: Not applicable
Viscosity, dynamic	: Not applicable
Explosive properties	: Not applicable
Oxidizing properties	: Not applicable
Explosive limits	: Not applicable

9.2 Other information

No additional information

SECTION 10: Stability and reactivity

10.1 Reactivity

No reliable data available

10.2 Chemical stability

Stable under normal conditions

10.3 Possibility of hazard reactions

Not established

10.4 Conditions to avoid

Exposure to moisture and liquids. Extreme temperatures.

10.5 Incompatible materials

Strong acids. Strong bases.

10.6 Hazardous decomposition products

None known.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity : Known to be a human carcinogen

Crystalline Silica

Quartz

Silica dust, crystalline, in the form of quartz is classified by IARC as Group 1 (carcinogenic to humans) based on "sufficient evidence" in occupationally exposed humans and sufficient evidence in animals.

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Skin corrosion/irritation	: Causes skin irritation
Serious eye damage/irritation	: Causes serious eye irritation
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: No known significant effects or critical hazards
Carcinogenicity	: May cause cancer. Risk of cancer depends on duration and level of exposure.
Reproductive toxicity	: No known significant effects or critical hazards
Specific organ target toxicity (single exp)	: No known significant effects or critical hazards
Specific organ target toxicity (rep exp)	: No known significant effects or critical hazards
Aspiration hazard	: Not available
Symptoms/injuries after skin contact	: May cause skin irritation
Symptoms/injuries after eye contact	: Causes serious eye irritation
Other chronic effects	: May adversely affect the lung (pneumoconiosis) and/or lung function. May cause silicosis. Severity of effect depends on duration and level of exposure.

SECTION 12: Ecological information

12.1 Toxicity

Not known to be exotoxic; no data suggests toxicity to birds, fish, invertebrates, microorganisms, or plants.

12.2 Persistence and degradability

Not available.

12.3 Bioaccumulative potential

Not available.

12.4 Mobility in soil

Not available.

12.5 Other adverse effects

Effect on ozone layer	: No additional information available
Effect on global warming	: No known ecological damage caused by this product
Other information	: Avoid release to the environment

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations.
Ecology - waste materials	: Avoid release to the environment

SECTION 14: Transport information

In accordance with DOT. Not regulated for transportation.

14.1 Additional information

No supplementary information

ADR

Transport document description

Transport by sea

Transport document description

Air transport

Transport document description

SECTION 15: Regulatory information

15.1 US Federal Regulations

All components of this product are listed, or excluded from listing, on the US Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory. This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

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SECTION 15: Regulatory information

15.1 International Regulations

CANADA

One of the components of this product is listed on the Canadian DSL (Domestic Substances List).

EU-Regulations

One of the components of this product is listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

Not classified

15.2 US State Regulations

California Proposition 65 - This product contains, or may contain, trace quantities of a substance known to the State of California to cause cancer and/or reproductive toxicity.

Quartz (Crystalline Silica)

U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
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SECTION 16: Other information

H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H333	May be harmful if inhaled
H335	May cause respiratory irritation
H351	Suspected of causing cancer