MATERIAL SAFETY DATA SHEET
MAXXON LEVEL-RIGHT

Maxxon® Corporation
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SECTION 1
PRODUCT AND COMPANY IDENTIFICATION

Material Name: Maxxon Underlayments
Trade Name: Level-Right®
Product Number: (See Product List found in section 16)
Product Use: Floor underlayment
Manufacturer/Supplier: Maxxon Corporation, 763-478-9600 (Q.A. Department)
Emergency Phone: Chem-Trec at 1-800-424-9300

SECTION 2
HAZARDS IDENTIFICATION

Emergency Overview
CAUTION! A natural chemical reaction during hardening (rehydration) develops sufficient heat that may cause severe burns in the event of contact with skin. These burns may possibly result in permanent injury. Do not allow product to harden around any body part or allow continuous, prolonged contact with skin. Crushing, mixing, sanding or otherwise working with this product may generate large amounts of dust. Dust can be irritating to the eyes, skin and respiratory system.

Routes of exposure: Inhalation. Skin contact. Eye contact.

Potential health effects:

Eyes: Dust can cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.

Skin: Skin contact during hardening (rehydration) may slowly develop sufficient heat to cause severe burns possibly resulting in permanent injury. Do not allow product to harden around any body part or allow continuous, prolonged contact with the skin. Handling can cause dry skin.

Ingestion: Not applicable under normal conditions of use. May result in obstruction and temporary irritation of the digestive tract.

Inhalation: Dust may cause respiratory tract irritation.

Medical Conditions Aggravated By Exposure: Because of its irritating properties, dust may aggravate preexisting skin, eye, and respiratory conditions.

Target Organs: Eyes, skin, respiratory system.

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SECTION 3
COMPOSITION/INFORMATION ON INGREDIENTS

Component (CAS Registry No.)	**ACCGIH TLV (TWA)**	**OSHA PEL (TWA)**
Mineral/Metal Oxides	0.1 mg/m^3 respirable dust	0.1 mg/m^3
Cement	* 10 mg/m^3 Total dust	15 mg/m^3 5 mg/m^3

SECTION 4
FIRST AID MEASURES

Eye contact In case of contact, Immediately flush eyes with plenty of water. Remove contact lenses, if worn. If irritation persists, get medical attention.

Skin contact For skin contact, immediately flush skin with plenty of water. Get medical attention if irritation develops or persists.

Inhalation Remove to fresh air. If symptoms persist, obtain medical attention

Ingestion May result in obstruction and irritation if ingested. Get medical attention.

SECTION 5
FIRE FIGHTING MEASURES

Flammable properties Not flammable by OSHA/WHMIS criteria

Extinguishing media

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

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Unsuitable extinguishing media	Not applicable
Protection of firefighters	
Protective equipment and precautions for firefighters	Firefighters should wear full protective clothing including self-contained breathing apparatus.
Explosion data	
Sensitivity to static discharge	Not applicable
Sensitivity to mechanical impact	Not applicable
Hazardous combustion products	May include, and are not limited to: calcium dioxide, sulfur dioxide, magnesium oxide, Aluminum oxide, and sulfur trioxide.

SECTION 6
ACCIDENTIAL RELEASE MEASURES

Personal precautions	Use personal protection recommended in Section 8. Keep unnecessary personnel away from the release.
Environmental precautions	Keep out of drains, sewers, ditches, and waterways.
Methods of containment	Contain the spill, then place in a suitable container. Minimize dust generation. Do not flush to sewer or allow entering waterways. Use appropriate Personal Protective Equipment (PPE).
Methods of clean up	Sweep up or gather material and place in appropriate container for disposal.

SECTION 7
HANDLING AND STORAGE

Handling	Avoid contact with skin and eyes. Do not breathe dust. Use only in well-ventilated areas. Handle and open container with care. Wear appropriate NIOSH approved dust mask or filtering facepiece if dust is generated. When using, do not eat or drink. Wash hands before eating, drinking or smoking.
Storage	Keep out of reach of children. Keep the container tightly closed and dry. Store in a covered, dry, climate controlled area, away from incompatibles.

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SECTION 8
EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: When using product, provide local and general exhaust ventilation to keep airborne dust concentrations below exposure limits.

Personal Protective Equipment:

Eye/Face Protections: Safety glasses or goggles are recommended when using product. Ensure compliance with OSHA's PPE standards (29 CFR 1910.132 (general) and 133 (eye and face protection)). Safety shower/eye wash fountain must be readily available in the workplace area (29CFR 1910.151(c)).

Skin Protection: Impervious protective clothing and gloves recommended to prevent drying or irritation of hands. Ensure compliance with OSHA's PPE standard (29 CFR 1910.132 (general) and 138 (hand protection)). Safety shower/eye wash fountain must be readily available in the workplace area (29 CFR 1910.151 (c)).

Respiratory Protection: A NIOSH approved dust mask or filtering facepiece is recommended in poorly ventilated areas or when permissible exposure limits may be exceeded. Respirators should be selected by and used under the direction of a trained health and safety professional following requirements found in OSHA's respirator standard (29 CFR 1910.134) and ANSI's standard for respiratory protection (Z88.2).

SECTION 9
PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Powder
Color: Light grey to white
Viscosity: Not applicable
Odor: Low odor
Odor threshold: Not available
Physical state: Solid
pH: 10-12
Melting point: Not available
Freezing point: Not available
Boiling point: Not available
Flash point: Not available
Evaporation rate: Not available

Flammability limits in air, upper, % by volume: Not available
Flammability limits in air lower % by volume: Not available
Vapor pressure: Not available
Vapor density: Not available
Specific gravity: 2.7
Percent Volatile, wt.%: Not available
Solubility (water): 0.2% @ 22ºC
Partition coefficient (n-octanol/water): Not available
Auto-ignition temperature: Not available
VOC content: Not available

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SECTION 10
CHEMICAL STABILITY & REACTIVITY INFORMATION

Chemical Stability:	Stable at normal storage conditions
Conditions of reactivity:	Reacts with water (normal condition of use)
Incompatible materials:	Acids
Hazardous decomposition products:	May include, and are not limited to: calcium oxide, sulfur dioxide, magnesium oxide, aluminum oxide, and sulfur trioxide.

SECTION 11
TOXICOLOGICAL INFORMATION

CYRSTALLINE SILICA: Inhaled crystalline silica in the form of quartz or cristobalite from occupational sources is classified by the International Agency for Research on Cancer (IARC) as carcinogenic to humans (Group 1A). Respirable crystalline silica has been classified by the National Toxicology Program (NTP) as a substance which may reasonably be anticipated to be a carcinogen. Crystalline silica is not considered to be a human carcinogen by OSHA.

EFFECTS OF CHRONIC EXPOSURE

Target Organs: Lungs

Chronic effects: Hazardous by OSHA/WHMIS criteria

Respirable crystalline silica in the form of quartz or cristobalite from occupational sources is listed by IARC and NTP as a lung carcinogen.

Prolonged exposure to respirable crystalline silica has been known to cause silicosis, a lung disease, which may be disabling. While there may be a factor of individual susceptibility to a given exposure to a respirable silica dust, the risk of contracting silicosis and the severity of the disease is clearly related to the amount of dust exposure and the length of time (usually years) of exposure.

Respirable titanium dioxide from occupational sources has been classified by IARC as a possible lung carcinogen to humans. Evidence showed that high concentrations of pigment-grade (powdered) and ultrafine titanium dioxide dust caused respiratory tract cancer in rats exposed by inhalation and intratracheal instillation. The series of biological events or steps that produce rat lung cancer (e.g. particle deposition, impaired lung clearance, cell injury, fibrosis, mutations and ultimately cancer) have also been seen in people working in dusty environments. Therefore, the observations of cancer in animals were considered, by IARC, as relevant to people doing jobs with exposures to titanium dioxide dust. For example, titanium dioxide production workers may be exposed to high dust concentrations during packing, milling, site cleaning and maintenance, if there are insufficient dust control measures in place. However, it should be noted that the human studies conducted so far do not

suggest an association between occupational exposure to titanium dioxide and an increased risk for cancer.

Sulfur trioxide has not been classified for carcinogenic effects. However, IARC concluded that occupational exposure to strong inorganic mists containing sulfuric acid, formed from sulfur trioxide reacted with water is carcinogenic to humans. The ACGIH has classified strong inorganic acid mist containing sulfuric acid as a suspected human carcinogen. Exposure to inorganic acid mist (sulfuric acid mist) in this product will not occur because inorganic acid is not generated under normal conditions of use of this material.

Carcinogenicity: Hazardous by OSHA/WHMIS criteria.

Ingredient	**Chemical Listed as Carcinogen or Potential Carcinogen**
Silica, crystalline, quartz	**ACGIH** – A2 – Suspected human carcinogen; **IARC** - 1 – The agent is carcinogenic to humans; **NTP –** 1 – Known to be carcinogens **IARC** 1 – The agent is carcinogenic to humans **IARC** – 2B – The agent is possibly carcinogenic to humans; there is limited evidence of carcinogenicity in humans in the absence of sufficient evidence of carcinogenicity in experimental animals.

Mutagenicity; Reproductive Effects; Teratogenicity; Embyotoxicity; Respiratory Sensitization; Skin Sensitization: Not hazardous by OSHA/WHMIS criteria.

Toxicologically Synergistic Materials: Not available.

SECTION 12
ECOLOGICAL INFORMATION

Ecotoxicity: Large quantities of this product may be harmful to aquatic life.

SECTION 13
DISPOSAL CONSIDERATIONS

Disposal Instructions:
This product, in its present state, when discarded or disposed of, is not a hazardous waste according to Federal regulations 40 CFR 261. If processing, use, or contamination alters the material, the waste must be tested using methods described in 40 CFR 261 to determine if it meets applicable definition of hazardous waste.

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SECTION 14
TRANSPORTATION INFORMATION

Department of Transportation (DOT) Requirements:
This product is not regulated as a hazardous material by the United States (DOT) transportation regulations.
Canadian Transportation of Dangerous Goods (TDG) Requirements:
Not regulated.

SECTION 15
REGULATORY INFORMATION

Federal Regulations

Canadian regulations:
This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR

US:
MSDS prepared pursuant to the Hazard Communication Standard (CFR 29 1910.1200).

Section 311-312: Delayed (chronic) health hazard.

HMIS – Hazardous Materials Identification System
Health – 1* **Flammability** – 0 **Physical Hazard** – 1
NFPA – National Fire Protection Association:
Health – 1 **Fire** – 0 **Reactivity** – 0
Hazard Rating: 0 = minimal, 1 = slight, 2 = moderate, 3 = severe, 4 = extreme
WHIMS Classification(s):
Class D2A – Carcinogenicity
Class D2A – Chronic Toxic Effects
WHMIS Hazard Symbol:

SECTION 16
OTHER INFORMATION

Other information Products on this MSDS do not contain asbestos
Product List:
Maxxon Level-Right® 43A - 14256
Disclaimer
The information and data herein are believed to be accurate and have been compiled from sources believed to be reliable. It is offered for your consideration, investigation and verification. Buyer assumes all risk of use, storage and handling of the product in compliance with applicable federal, state and local laws and regulations. Maxxon Corporation makes no warranty of any kind, expressed or

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