

## Safety Data Sheet according to OSHA-GHS (29 CFR part 1910.1200 HCS 2012)

**PRODUCT NAME** Level-Right® LDF (Low Density Fill)  
**Product Code:** 17000  
**Date of Issue:** May 2015 **Supersedes:**

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Identifier:** Level-Right LDF (Low Density Fill)  
**Trade Name:** Level-Right LDF (Low Density Fill)  
**Recommended uses:** Cementitious Low Density Fill  
**Restrictions on uses:** None identified  
**Supplier:** Maxxon Corporation  
 920 Hamel Road | PO Box 253  
 Hamel, MN 55340  
**Company Telephone/Fax:** (763) 478-9600 / (763) 478-2431  
**Emergency Telephone Number:** (800) 424-9300 (CHEMTREC)

### 2. HAZARDS IDENTIFICATION

**Emergency overview:** DANGER, harmful if swallowed. Causes serious eye damage. Causes skin irritation. May cause an allergic skin reaction. May cause irritation of the respiratory system. Suspected of causing cancer. 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.

**GHS Label Elements:  
Hazard Pictograms**



**Signal word:** Danger  
**Physical Hazards:** Not classified

**Health Hazards:**

Acute toxicity, oral	Category 4
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 1
Sensitization, skin	Category 1
Carcinogenicity	Category 2
Specific target organ toxicity, single exposure	Category 3 - respiratory tract irritation

**Environmental Hazards:**  
 Hazardous to the aquatic environment, long-term hazard Category 3

**OSHA defined Hazards:** Not classified



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### 2. HAZARDS IDENTIFICATION (CONTINUED)

**Hazard Statement:**

Harmful if swallowed. Causes serious eye damage. Causes skin irritation. May cause an allergic skin reaction. May cause respiratory irritation. Suspected of causing cancer. Harmful to aquatic life with long lasting effects.

**Precautionary statement**

**Prevention:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing dust. Wash thoroughly after handling. Do not eat, drink, or smoke when using this product. Use only outdoors or in a well-ventilated area. Contaminated work clothing must not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. After mixing with water, do not allow prolonged contact with skin until the product has completely hardened and cooled.

**Response:** If swallowed: Rinse mouth. Call a poison center/doctor if you feel unwell. 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. If on skin: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. If inhaled: Remove person to fresh air and keep comfortable for breathing. If exposed or concerned: Get medical advice/attention. For specific treatment, see Section 4 on the SDS.

**Storage:** Store locked up. Store in a well-ventilated place. Keep container tightly closed. Store away from acids, phosphorus, diazomethane, and aluminum (at high temperatures). Protect from moisture.

**Disposal:** Dispose of contents/container in accordance with applicable regulations.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS#	OSHA PEL	ACGIH TLV	Percent
Portland Cement	65997-15-1	5 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	95-99%
Expanded Polystyrene	9003-53-6			1-5%

### 4. FIRST AID MEASURES

**Inhalation:** Remove subject to fresh air until irritation subsides. If condition worsens, consult a physician.

**Skin Contact:** Promptly wash with water and soap for at least 15 minutes or longer, depending on the concentration, amount, and duration of exposure. If irritation persists after washing, consult a physician.

**Eye Contact:** Immediately flush eyes thoroughly with large amounts of water for 20 minutes, including upper and lower lids.

**Ingestion:** Seek medical attention immediately.

**Medical conditions which may be aggravated:** Persons with allergies to Portland Cement, subject to eye irritation, or individuals with pre-existing respiratory disease such as (but not limited to) bronchitis, emphysema, and asthma, should not be exposed to this product.



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### 4. FIRST AID MEASURES (CONTINUED)

**Most important symptoms and effects, both acute and delayed:** Exposure to skin or eyes may cause rash or irritation. Inhalation may cause cough, shortness of breath, wheezing and reduced pulmonary function.

### 5. FIRE FIGHTING MEASURES

**Extinguishing media:** Not applicable - will not burn.  
**Unusual Fire and Explosion Hazards:** None.  
**Special fire-fighting procedures:** None.

### 6. ACCIDENTAL RELEASE MEASURES

**Steps to be taken in case material is released or spilled:** Spills should be swept up and contained in a waste container for disposal. Do not flush down drains. If washed down, it may plug drains. If already mixed with water, scrape up and place in a container. Wear appropriate protective equipment.

### 7. HANDLING AND STORAGE

**Precautions for Safe Handling:** Store in a cool, dry area. Take precautions to avoid bag breakage, subsequent spillage of material and dust creation.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Individual protection measures, such as personal protective equipment**

**Respiratory protection:** Wear proper respiratory protection during mixing and/or sanding if needed. Provide general ventilation and local exhaust ventilation to meet TLV requirements of individual ingredients and to control dusting conditions. Wear a NIOSH/MSHA approved respirator in poorly ventilated dusty areas and/or if TLV is exceeded. Refer to the most recent standards of ANSI (Z88.2), OSHA (29 CFR 1910.134), MSHA (30 CFR PARTS) and NIOSH respirator decision logic.

**Ventilation:** Ventilate to keep exposures below TLV. General ventilation is expected to be satisfactory in most cases. Use local exhaust ventilation if necessary to control dust.

**Protective Gloves:** Recommended.

**Eye Protection:** Recommended.

**Other Protective Clothing or Equipment:** Gloves or protective clothing are usually not necessary but may be desirable in work situations. Wear gloves and protective clothing to prevent repeated skin contact. Wear eye protection (safety glasses or goggles) to avoid corrosion and irritation of the eye.

**General hygiene considerations:** When finished, shower with soap and water to remove dust. Dusty clothing should be laundered before reuse.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

Appearance

**Physical state:** Powder



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### 9. PHYSICAL AND CHEMICAL PROPERTIES (CONTINUED)

**Form:** Solid  
**Color:** Grey, contains expanding polystyrene aggregate varying in color from white to brown.  
**pH (wet state):** 12.5  
**Melting point / freezing point:** Not Applicable  
**Boiling temperature / boiling range:** Not Applicable  
**Flash point:** Non-Flammable  
**Evaporation Rate:** Not Applicable  
**Flammability (solid, gas):** Non-Flammable  
**Flammability limit - lower %:** Not Applicable  
**Flammability limit - upper %:** Not Applicable  
**Explosive limit - lower %:** Not Applicable  
**Explosive limit - upper %:** Not Applicable  
**Vapor pressure:** Not Applicable  
**Vapor density:** Not Applicable  
**Solubility(ies), (water):** Insoluble

### 10. STABILITY AND REACTIVITY

**Stability:** Stable.  
**Conditions to avoid:** Not Applicable  
**Incompatible materials:** None known.  
**Hazardous decomposition products:** Will not occur.

### 11. TOXICOLOGICAL INFORMATION

#### Health hazards

**Primary Routes of Entry:** Inhalation, eyes and/or skin contact, ingestion.

#### Acute

**Eyes:** Contact with eyes will cause irritation and possible corrosion, damage, and burning. Particulates can also cause mechanical irritation.

**Skin:** When mixed with water, direct contact with skin can cause irritation. If irritation occurs, rinse with water until free of material, then wash skin thoroughly with soap and water. May dry skin.

**Inhalation:** Inhalation of dust from this product can irritate the nose, throat, lungs and upper respiratory tract. For persons that are subject to a large amount of dust, remove subject to fresh air. Respiratory symptoms can occur such as coughing, sneezing and nasal irritation.

**Ingestion:** May be corrosive to the digestive tract.

#### Chronic

**Eyes:** Conjunctivitis and keratitis may develop after repeated contact with eyes.

**Skin:** Prolonged contact may cause dermatitis and drying of skin.

**Inhalation:** Conditions such as bronchitis and emphysema have been reported after many years of exposure to Portland Cement.



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### 12. ECOLOGICAL INFORMATION

Not Applicable

### 13. DISPOSAL CONSIDERATIONS

**Disposal instructions:** Dispose of in accordance with all applicable local, State/Provincial and Federal regulations.

### 14. TRANSPORTATION INFORMATION

Not Applicable

### 15. REGULATORY INFORMATION

Not Applicable

### 16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

**Product List:** Level-Right LDF (Low Density Fill)  
**Issue Date:** May 2015  
**Version #:** 01  
**Revision Date:**  
**Prepared by:** Maxxon Corporation

**Disclaimer:**  
This SDS is intended to quickly provide useful information to the user(s) of this material or product. It is not intended to serve as a comprehensive discussion of all possible risks or hazards, and it assumes a reasonable use of the product. The information contained in this SDS is believed to be accurate as the date of preparation of this SDS and has been compiled from sources believed to be reliable. It is offered for your consideration, investigation and verification. The user or handler (or their employer) should consider the specific conditions in which this material will be used, handled or stored and determine what specific safety or other precautions are required. Employers should ensure that their employees, agents, contractors and customers who will use the product receive adequate warnings and safe handling procedures, including a current SDS. Product users or handlers (or their employer) who are unsure of what specific precautions are required should consult their employer, product supplier, or safety or health professionals before handling or working with this product. Please notify us immediately if you believe this SDS or other safety and health information about this product is inaccurate or incomplete.