Safety
Data
Sheet

U·E·I Systems
A UEI® GROUP COMPANY

9090 Nieman • Overland Park, KS 66214 • (913) 541-0503 • Toll Free: 800-221-9059 • sales@ueisystems.com • ueisystems.com

Section 1 Chemical Product and Company Identification

Product Identifier Counter Board

General Use Counters for copper and brass stamping dies

Company Address UEI Systems®, a UEI Group Company
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Phone +1 800 221 9059 or +1 913 541 0503

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Section 2 Hazards Identification

During normal operation and usage, this solid material article does not present inhalation, ingestion, or chemical hazards.

When this article is machined or otherwise modified by the user, chips containing filaments and fine or tacky dusts may be created in quantities substantial enough to affect the functionality of machines and equipment and may be potentially hazardous if the exposure limits described in Section 8 are exceeded.

Section 3 Hazardous Ingredients / Identity Information

Where present, listed constituents exist as a solid.

May Contain the Following

Hazardous Components	CAS No.	%
Glass wool filament	65997-17-3	<100

Section 4 First Aid Measures

Inhalation If breathing has stopped, perform artificial respiration and obtain medical aid immediately. If persistent irritation, severe coughing, or breathing is difficult, provide fresh air and seek medical attention as soon as possible.

Ingestion If the product or dust is swallowed, seek immediate medical attention or advice. Do not induce vomiting.

Eye Contact Eye injuries from solid particles should receive immediate medical attention. Dust may be flushed from eyes immediately with large amounts of water, lifting the lower and upper lids occasionally. Seek medical attention.

Skin Contact Cuts or abrasions should be treated promptly with thorough cleansing of the affected area. Wash the skin using soap or mild detergent and water. Get medical attention if irritation or dermatitis develops and persists.

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Section 5 Firefighting Measures

Flammable/Combustible Properties Carbon dioxide, carbon monoxide, and other hazardous gases and volatiles may be generated.

Fire/Explosion Dusts generated by mechanical or abrasive activities may be explosive if mixed in critical proportions with air in the presence of an ignition source.
Phenolic burns like wood, although it is dangerous and may burn hotter. Partially burned dust is especially hazardous if dispersed into the air. Remove burned or wet dust to an open area after fire is extinguished.

Extinguishing Media Same as for a wood fire (water, carbon dioxide, dry chemical, foam or sand).

Firefighting Equipment/Instructions For a dust fire confined to a small area, use a respirator approved for toxic dusts and fumes.

Section 6 Accidental Release Measures

Personal Precautions Product in solid form may be picked up by hand or other means to be placed into a container.

Environmental Precautions Should waste disposal be deemed necessary, follow Federal, State, or Local regulations.

Methods for Cleaning Up Do not use compressed air for cleaning.

Section 7 Handling and Storage

This product does not require special safety precautions for handling.
Operations such as grinding, cutting, sanding and shearing may generate dusts or fumes which may require special handling procedures.

Section 8 Component Exposure Limits

Appropriate Engineering Controls When machining, use adequate local (preferably) or general exhaust ventilation to ensure that concentrations of dusts or fumes do not exceed exposure limits. Keep workplace clean and dry. Train personnel to minimize exposure to hazards during installation and replacement of product. On a regular basis, verify condition and proper function of equipment in which the product will be installed.

Personal Respiratory Protection Use an approved respirator, with the proper assigned protection factor, whenever airborne concentrations of hazardous components exceed listed exposure limits.

Personal Hand Protection Use appropriate gloves for periods of longer exposure or to protect against physical hazards.

Eye Protection Always wear safety glasses with side shields and appropriate hearing protection when grinding or cutting.

Skin Protection For brief contact with dust, no precautions other than clean clothing are usually required.

Hazardous Components	CAS No.	OSHA (PEL/TWA)	ACGIH TLV
Glass wool filament	65997-17-3	5 mg/m^3 (Respirable Dust)	10 mg/m^3 (Respirable Dust)

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Section 9 Physical and Chemical Properties

Appearance/Odor	Fiberglass board, color may vary/solid	**Odor Threshold**	No data
pH	No data	**Boiling Point**	No data
Melting Point	No data	**Solubility (H_2O)**	Insoluble in water
Specific Gravity	1.65–2.20	**Density**	0.04–0.07 lb/in^3 (1.2–1.8g/cc)
Octanol/H_2O Coefficient	No data	**Evaporation Rate**	Not volatile
Molecular Weight	No data	**Decomposition Temperature**	No data
Auto Ignition	No data	**Lower Flammability Limit**	No data
Flash Point	No data	**Upper Flammability Limit**	No data
Vapor Density	No data	**Vapor Pressure**	No data
VOC	No data	**Flammability Class**	No data
Viscosity	No data		

Section 10 Chemical Stability and Reactivity

Stability Stable under normal handling conditions

Incompatibility Oxidizers, strong acids and bases

Hazardous Decomposition/ By-Products Oxides of carbon and nitrogen, phenol, and formaldehyde if heated in excess of 570°F (300°C)

Hazardous Polymerization Contact of dust with strong oxidizers may cause fire or explosion.

Section 11 Toxicological Information

Possible effects by routes of exposure

Inhalation Dust may cause nasal dryness, irritation, coughing, sneezing and sinusitis due to the mechanical reaction to the fibers. For most individuals, the irritation generally does not persist and the effect will subside after the worker is removed from the exposure. Repeated exposures (even below 5 mg/m^3) to certain dusts can produce allergic responses in some sensitive individuals.

Eye Contact Dust may cause temporary mechanical irritation or a burning sensation to the eyes.

Skin Contact Dust may evoke allergic contact dermatitis in sensitized individuals.

Ingestion Ingestion of significant amounts of product is unlikely. If swallowed and person is conscious, give large quantities of water to drink. Get medical attention as soon as possible. Serious effects may occur if large amounts of dust are swallowed.

While no toxicity data is available for the composite solids, the following data has been determined for their constituents:

Glass wool fiber LD_{LO} inhalation, 0.1 mg/m^3. IARC lists glass wool in Group 3 (not classifiable as to its carcinogenicity to humans.)

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Section 12 Ecological Information

Ecotoxicity	Not biodegradable. This product is not expected to present an environmental hazard. Avoid releasing dusts and fumes into the environment.
Persistence/Degradability	No Data
Bioaccumulative Potential	No Data
Mobility in Soil	No Data

Section 13 Disposal Considerations

Disposal Instructions	Dispose in accordance with federal, state, provincial, and local regulations. Regulations may also apply to empty containers. The responsibility for proper waste disposal lies with the owner of the waste.

Section 14 Transportation Information

The material is not regulated under DOT provisions.

Section 15 Regulatory Information

U.S. TSCA Inventory Status	All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.
Canada DSL Inventory Status	All ingredients of this product are listed or are excluded from listing on the Domestic Substances List (DSL), the Non-Domestic Substances List (NDSL) or exempt.
CERCLA/SARA Section 302	Not listed
SARA (311, 312) Hazard Class	Not listed
CERCLA/SARA Section 313	Not listed
California Prop 65	This product is not subject to the reporting requirements under California's Proposition 65.
WHMIS Hazard Classification	Not listed

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Section 16 Other Information

Universal Engraving, Inc. provides the information contained herein in good faith. It is believed to be correct. However it is not all-inclusive and should be used only as a guide. Individuals receiving this information must exercise their independent judgement in determining its appropriateness for a particular purpose. Universal Engraving, Inc. shall not be held liable for any damage resulting from handling or from contact with this product. All information appearing herein is based upon data obtained from the manufacturer and/or recognized technical sources.

Abbreviations

PEL Permissible Exposure Limit
TLV Threshold Limit Value

End Notes

1. SARA - Signed into law in 1986, the Superfund Amendments and Reauthorization Act (SARA) is an extension of CERCLA, and is intended to encourage and support local and state emergency planning efforts. SARA provides citizens and local governments with information about potential chemical hazards, and calls for facilities that store hazardous materials to provide officials and citizens with data on the type and amount on hand at specific locations. This field states whether a material is listed or not listed in section 372.65 of SARA. EHS - This states if a material is listed or not listed in Appendix B to part 355, the SARA Extremely Hazardous Substances (EHS) section. RQ is the reportable quantity. TPQ is the Threshold Planning Quantity.

2. RCRA - The Resource Conservation and Recovery Act enacted in 1976 and subsequently amended, controls solid-waste disposal and encourages recycling. This states whether a material is listed or not listed under this regulation. If listed the Hazardous Waste Number and waste characterization assigned by RCRA is also provided. 3. CERCLA - Enacted in 1980 and amended thereafter, the Comprehensive Environmental Response, Compensation, and Liability Act provides for identification and cleanup of hazardous materials released on land, into the air, waterways, and groundwater. It covers areas affected by newly released materials and older leaking or abandoned dump sites. This states whether a material is listed or not listed in CERCLA Table 302.4. If listed the section(s) that it is listed under and the Reportable Quantity (RQ) are also provided. 4. TSCA - The Toxic Substances Control Act controls the exposure to and use of raw industrial chemicals not subject to other laws. This states whether the chemical is listed or not listed under this regulation.

Revision 20 April 2020

Supersedes 13 April 2015