

SAFETY DATA SHEET

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name A/O, Zirc, Zirc GA, CERAMIC & SC		[WHMIS Classification] Not applicable	
Product Numbers 87-757, 87-758, 78-761, 87-762, 87-765, 87-766, 87-767, 87-768, 87-769, 87-770, 87-771, 87-772, and 87-773			
Manufactured For: Kimball Midwest			
Street Address 4800 Roberts Rd	City Columbus	State Ohio	Zip/Postal Code 43228
Emergency Telephone 800-424-9300 (Chemtrec)		Fax Number	
Date Prepared 4/23/2015	Product Use Grinding, Polishing metals or wood	Phone Number 800-233-1294	

SECTION 2 - HAZARDS IDENTIFICATION

Classification	The product is classified not hazardous according to Reg. EC 1272/2008
Hazards to human	No relevant hazards to human
Hazards to the Environment	No relevant hazards to the environment
Physical or chemical hazards	No relevant physical or chemical hazards

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Abrasive Materials

Name	CAS
Cryolite (Trisodium hexafluoroaluminate)	15096-52-3
Cryolite (Sodium aluminium fluoride)	13775-53-6
Aluminum Oxide	1344-28-1
Zirconium Oxide	1314-23-4
Silicon Carbide	409-21-2
Ceramic Alumina	1344-28-1
Glue	Proprietary

Each abrasive product contains a combination of the above components per spec and do not contain ingredients that are hazardous as defined by OSHA.

SECTION 4 - FIRST AID MEASURES

Skin Contact	No harmful effects known
Eye Contact	Rinse opened eye for several minutes under running water and seek medical advise if needed.
Dust Inhalation	Remove from exposure; Seek medical advise if symptoms persist.
Ingestion	Not likely due to form of product. If necessary drink water and seek medical advise.

SECTION 5 - FIRE FIGHTING MEASURES

Flammable Yes	If yes, under which conditions? Direct Flame	
Means of Extinction Water, foam, sand, powder, or CO ₂ if compatible with operating conditions.		
Flashpoint (°C) and Method Not applicable	Upper Flammable Limit (% by volume) Not applicable	Lower Flammable Limit (% by volume) Not applicable
Auto Ignition Temperature (°C) Not applicable	Explosion Data - Sensitivity to Impact Not applicable	Explosion Data-Sensitivity to Static Discharge Not applicable
Hazardous Combustion Products Toxic fumes may occur		
(NFPA)		

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedures	Not Applicable
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SECTION 7 - HANDLING AND STORAGE

Handling Procedures and Equipment	Follow Instructions and relevant national, state and local regulations.
Storage Requirements	Follow Instructions and relevant national, state and local regulations.

SECTION 8 - EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Limits	<input type="checkbox"/> ACGIH TLV	<input type="checkbox"/> OSHA PEL	<input type="checkbox"/> Other (Specify) _____
Specific Engineering Controls (such as ventilation, enclosed process)		Not Applicable	
Personal Protective Equipment	<input type="checkbox"/> Gloves	<input type="checkbox"/> Respirator	<input type="checkbox"/> Eye
If checked, please specify type: Wear adequate eye protection. Wear adequate respirator for application. Wear adequate glove protection for application.			

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State Solid	Odor and Appearance Not Applicable	Odor Threshold (ppm) Not Applicable
Specific Gravity Not Applicable	Vapor Density (air = 1) Not Applicable	Vapor Pressure (mmHg) Not Applicable
Evaporation Rate Not Applicable	Boiling Point (°C) Not Applicable	Freezing Point (°C) Not Applicable
pH Not Applicable	Coefficient of Water/Oil Distribution Not Applicable	Not Applicable

SECTION 10 - STABILITY AND REACTIVITY

Chemical Stability Yes	If no, under which conditions?
Incompatibility with Other Substances No	If yes, which ones?
Reactivity and under what conditions? Not Applicable	
Hazardous Decomposition Products	

SECTION 11 - TOXICOLOGICAL INFORMATION

Effects of Acute Exposure Not Applicable	
Effects of Chronic Exposure Not Applicable	
Irritancy of Product Not Applicable	
Skin Sensitization Not Determined	Respiratory sensitization Not Determined
Carcinogenicity - IARC Not Determined	Carcinogenicity - ACGIH Not Determined
Reproductivity Toxicity Not Determined	Teratogenicity Not Determined
Embrototoxicity Not Determined	Mutagenicity Not Determined
Name of synergistic products/effects Not Determined	

SECTION 12 - ECOLOGICAL INFORMATION

(Aquatic Toxicity) Follow instructions and relevant national, state and local regulations.

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste Disposal Follow instructions and relevant national, state and local regulations.

SECTION 14 - TRANSPORT INFORMATION

Special Shipping Information Not Applicable	
	PIN
TDG	[DOT]
[IMO]	[ICAO]

SECTION 15 - REGULATORY INFORMATION

[WHMIS Classification] Not Applicable	[OSHA] Not Applicable
[SERA] Not Applicable	[TSCA] Not Applicable
This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by CPR.	

SECTION 16 - OTHER INFORMATION

Observe proper operating speeds.

The above information is based on our current standard of knowledge and does not constitute any warranty of conditions of the product. The information does not form part of any contractual agreement. It remains the user's responsibility to adhere existing laws and regulations.