Material Safety Data Sheet
(29 CFR Part 1910.1200 - Hazard Communication)

SECTION 1 - IDENTIFICATION

Material/Product: REDUX CF40	MSDS Rev. No.: 1
Manufacturer/Distributor: ASI International, Ltd	Date Prepared: January 29, 2011
Address: 1440 E. 39th Street	
Cleveland, Ohio 44114	During Normal Business Hours
	Telephone: (216) 391 9900
	Outside Normal Business Hours
	Telephone: CHEMTREC (800) 424-9300

SECTION 2 - HAZARDOUS COMPONENTS

Hazardous Component	CAS No.	%'s	OSHA PEL (mg/M3)	ACGIH TLV (mg/M3)	Other Limits
Na_2O	497-19-8	less than 30	15 (total)	10	N/A
Al_2O_3	1344-28-1	less than 30	10	10	N/A
SiO_2	14808-60-7	less than 10	10	.05	N/A
CaO	1305-78-8	less than 10	10	10	N/A
MgO	1309-48-4	less than 8	10	10	N/A
CO_2	124-38-9	less than 25	10	10	N/A

N/A – Not Available, Not Known

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Pt: N/A	Bulk Density: 1.8 g/cc
Vapor Pressure: N/A	Evaporation Rate: N/A
Vapor Density: N/A	Soulubility in Water: Appreciable
Appearance and Odor: Whitish–Gray brick. No odor.	

SECTION 4 - FIRE AND EXPLOSION DATA

Flash Point: None	Flammable Limits: Lel: N/A Uel: N/A
Extinguishing Media: Will not burn.	Special Firefighting Procedures: N/A
Unusual Fire & Explosion Hazards: N/A	

SECTION 5 - REACTIVITY DATA

Stability: Stable
Incompatibility: Acids (will liberate carbon dioxide)
Hazardous Polymerization: Will not occur.
Hazardous Decomposition Products: Carbon dioxide

SECTION 6 - HEALTH HAZARD DATA

Route(s) of Entry: Inhalation (Yes)   Skin (Yes)   Eyes (No)   Ingestion (No)
Health Hazards: Acute - Prolonged skin contact especially in presence of moisture may cause irritation due to formation of moderately strong alkaline solutions. Inhalation of dust may cause respiratory irritation.
Health Hazards: Chronic - None known.
Toxicity Data: N/A Carcinogenicity: NTP/IARC/OSHA/Other: N/A
Signs and Symptoms of Exposure: Skin and respiratory irritation.
Medical Conditions Aggravated by Exposure: None known.
Emergency and First Aid Procedures: Inhalation: Remove person to fresh air.
Skin: Wash with water.
Eyes: Immediately flush with water to remove particulates.
Ingestion: N/A

N/A = Not Applicable
N/A = Not Known

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

Spills/Leaks: For broken pieces, sweep up or pickup with vacuum cleaner. Intact bricks return to container.
Waste Disposal: Dispose of in accordance with local, state and federal regulations.
Handling, Use and Storage: Store in dry area below 150'F.

SECTION 8 - CONTROL MEASURES

Respiratory Protection: If PEL/TLV is exceeded use NIOSH approved mask.
Ventilation: Recommended sufficient to maintain below PEL/TLV.
Gloves: Cloth   Eye Protection: Safety glasses
Other: N/A

N/A = Not Applicable
N/K = Not Known

Please ensure that all persons coming into contact with this product are aware of the information contained in this MSDS Sheet. Information presented herein has been compiled from sources considered to be reliable and accurate and reliable to the best of our knowledge and belief but is not guaranteed to be so. It is the user's responsibility to determine for himself the suitability of any material for a specific use and to adopt such safety precautions as may be necessary. If you need any further information from us to make the determinations that you must make to use this material safely, please contact the above named preparer.

SUPPLIER NOTIFICATION
REDUX* CF 40

The above listed product contains no toxic chemical or chemicals 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, based upon our knowledge of the raw materials comprising this product.

This notification is attached to the product Materials Safety Data Sheet (MSDS) and must not be detached from the MSDS. Any copying or redistribution of the MSDS shall include copying and redistribution of this notice attached to copies of the MSDS subsequently redistributed.

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