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**MATERIAL SAFETY DATA SHEET**


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MSDS NUMBER: 58489  
 PART NUMBER:  
 PRODUCT NAME: FLITZ LIQUID METAL POLISH  
 CHEMICAL:

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**SECTION I**


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MANUFACTURER: FLITZ INTERNATIONAL, LTD.	<b>HMIS RATING:</b>  <b>HEALTH: 2</b> <b>FIRE: 1</b> <b>REACTIVITY: 0</b> <b>PERSONAL PROTECTION: E</b>	<b>RATING:</b> 
ADDRESS: 821 MOHR AVENUE WATERFORD, WI 53185		
EMERGENCY TELEPHONE NUMBER: 800-558-8611		
INFORMATION TELEPHONE NUMBER: 262-534-5898		
DATE PREPARED: 01/12/09		

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**SECTION II - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION**


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CAS NUMBER	HAZARDOUS COMPONENT	NTP IARC SUB-PART/Z	SARA 313	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED	%
64742-48-8	ALIPHATIC HYDROCARBONS			N/EST	N/EST		10-30
1344-28-1	ALUMINA			10mg/m3	10mg/m3		10-30
61790-53-2	DIATOMITE*		Y	80mg/m3	80mg/m3		1-5
	*SEE SECTION IX						

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**SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS**


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BOILING POINT	212° F	SPECIFIC GRAVITY (H <sub>2</sub> O=1)	1.1291
VAPOR PRESSURE (mm Hg.)	N/AV	MELTING POINT	N/AP
VAPOR DENSITY (AIR = 1)	N/AV	EVAPORATION RATE (Butyl Acetate = 1)	N/AV
SOLUBILITY IN WATER:	MISCIBLE		
APPEARANCE AND ODOR:	LIGHT YELLOW GREEN WITH SOLVENT ODOR.		
OTHER INFORMATION:	pH = 8.12		

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**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**


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FLASH POINT: N/AV	FLAMMABLE LIMITS: LEL: N/AV	UEL: N/AV
EXTINGUISHING MEDIA :FOAM, DRY CHEMICAL, CARBON DIOXIDE, WATER.		
SPECIAL FIRE FIGHTING PROCEDURES:SELF-CONTAINED BREATHING APPARATUS.		
UNUSUAL FIRE FIGHTING PROCEDURES: TOXIC FUMES MAY BE EMITTED IF MATERIAL IS EXPOSED TO EXTREME TEMPERATURE.		

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**SECTION V - REACTIVITY DATA**


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STABILITY: STABLE
INCOMPATIBILITY (MATERIALS TO AVOID) : VERY STRONG OXIDIZING AGENTS.
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: SMOKE, CARBON MONOXIDE, CARBON DIOXIDE AND OTHER TOXIC FUMES.
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

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**SECTION VI - HEALTH HAZARD DATA**


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ROUTE(S) OF ENTRY: SKIN, EYES, INHALATION.
HEALTH HAZARDS (ACUTE AND CHRONIC): REDDENING AND BURNING OF EYES AND SKIN, EXCESSIVE INHALATION MAY CAUSE DROWSINESS OR NAUSEA..
SIGNS AND SYMPTOMS OF EXPOSURE: SEE ABOVE.
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: NONE KNOWN.
EMERGENCY AND FIRST AID PROCEDURES: REMOVE TO FRESH AIR. FLUSH AFFECTED AREA WITH PLENTY OF WATER, IF SYMPTOMS PERSIST, GET MEDICAL ATTENTION.
OTHER HEALTH WARNINGS: NONE.

**MSDS NUMBER: 58489**

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**SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE**

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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: WIPE UP WITH A NEUTRAL ABSORBANT AND DRUM FOR PROPER DISPOSAL.

WASTE DISPOSAL METHOD: IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: AVOID FREEZING, KEEP AWAY FROM FLAME.

OTHER PRECAUTIONS: NONE

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**SECTION VIII - CONTROL MEASURES**

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VENTILATION REQUIREMENTS: GOOD VENTILATION SHOULD BE MAINTAINED.

PERSONAL PROTECTIVE EQUIPMENT: RUBBER GLOVES AND CHEMICAL SAFETY GLASSES AND NIOSH APPROVED DUST & VAPOR RESPIRATOR..

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**SECTION IX - ADDITIONAL INFORMATION**

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ADDITIONAL MANUFACTURER WARNINGS: \*THIS PRODUCT CONTAINS CRYSTALLINE SILICA (CS), WHICH IS CONSIDERED A HAZARD BY INHALATION. IARC HAS CLASSIFIED INHALATION OF CS AS CARCINOGENIC FOR HUMANS (GROUP I). CS IS LISTED BY NTP AS A SUBSTANCE WHICH MAY REASONABLY BE ANTICIPATED TO BE A CARCINOGEN. INHALATION IS CS IS ALSO A KNOWN CAUSE OF SILICOSIS, A NONCANCEROUS LUNG DISEASE.

THIS PRODUCT MAY CONTAIN UP TO 1% CRYSTALLINE SILICA, CAS# 61790-53-2

OTHER PRECAUTIONS AND COMMENTS: D.O.T. PROPER SHIPPING NAME = CLEANING LIQUID.

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA CONSIDERED ACCURATE. HOWEVER, NO WARRANTY IS EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THIS DATA OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF.

N/AV = NOT AVAILABLE

N/AP = NOT APPLICABLE

THIS INFORMATION IS PROVIDED TO MEET VARIOUS STATE REGULATORY COMPOSITION REQUIREMENTS:

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|----|------------------------|-----------------|
| 1. | ALIPHATIC HYDROCARBONS | CAS# 64742-48-8 |
| 2. | WATER                  | CAS# 7732-18-5  |
| 3. | ALUMINA                | CAS# 1344-28-1  |
| 4. | DIATOMITE              | CAS# 61790-53-2 |
| 5. | SURFACTANT             | MIXTURE         |

V. O. C. CONTENT: 0 GRAM PER LITER.