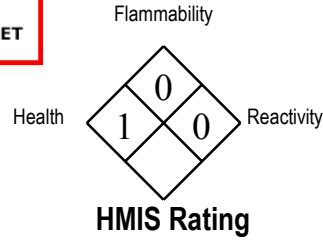




**T** USA  
**Equipment**  
**.NET**

205 Westwood Ave  
 Long Branch, NJ 07740  
 1-877-742-TEST (8378)  
 Fax: (732) 222-7088  
 salesteam@Tequipment.NET



# MATERIAL SAFETY DATA SHEET

## GENERAL INFORMATION

PRODUCT NAME OR NUMBER (as it appears on label) Brush Seater and Commutator Cleaner		CATALOG NUMBER All "23" Series
MANUFACTURER'S NAME <b>IDEAL INDUSTRIES, INC.</b>		EMERGENCY TELEPHONE NO. <b>(815) 895-5181</b>
ADDRESS (Number, Street, City, State, Zip Code) <b>Becker Place, Sycamore, IL 60178</b>		
HAZARDOUS MATERIAL DESCRIPTION, PROPER SHIPPING NAME, HAZARD CLASS, HAZARD CLASS, HAZARD ID NO. (49 CFR 172.101) None		
CHEMICAL DESCRIPTION Powder - Mixture	FORMULA Proprietary	

### SECTION I - INGREDIENTS

CAS REGISTRY NO.	%W	CHEMICAL NAME(S)*	Listed as carcinogen in NTP, IARC or OSHA 1910(z) (specify)
14808-60-7	<90	Silica Sand	No* (see section IX)
1344-09-8	<11	Sodium Silicate	No
69011-84-3	<1	Surfactant	No
140-95-4	<1	Dimethylol Urea	No

### SECTION II - PHYSICAL DATA

BOILING POINT None °F °C	SPECIFIC GRAVITY (H <sub>2</sub> O=1) N/A	PERCENT VOLATILE BY VOLUME (%) None
SOLUBILITY IN WATER Insoluble	pH = N/A	PERCENT SOLID BY WEIGHT (%) ~100
APPEARANCE AND ODOR White porous solid, mild odor	IS MATERIAL: LIQUID <u>SOLID</u> GEL GAS PASTE POWDER	

### SECTION III - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT None method used: C.O.C.	FLAMMABLE LIMITS	LEL None	UEL None
EXTINGUISHING MEDIA None normally required			
SPECIAL FIRE FIGHTING PROCEDURES Use extinguishing media suitable for surrounding materials			
UNUSUAL FIRE AND EXPLOSION HAZARDS Use self-contained breathing apparatus with full face shield			

\* None of the chemical raw materials contained in this formulation are considered hazardous under the Federal Hazards Communication Standard 29 C. F. R 1910.1200

**SECTION IV - HEALTH HAZARD INFORMATION**

EFFECTS OF OVEREXPOSURE - Conditions to Avoid <p align="center">Avoid breathing dust Use respirator if necessary</p>
THRESHOLD LIMIT VALUE <p align="center">&lt;10 mg/m<sup>3</sup> NIOSH recommended exposure limit - 0.01 micrograms/m<sup>3</sup></p>
PRIMARY ROUTES OF ENTRY Inhalation <input checked="" type="checkbox"/> Skin Contact <input type="checkbox"/> Other (specify) Dust released in use.
EMERGENCY FIRST AID PROCEDURES SKIN CONTACT: Wash with soap and water EYE CONTACT: Flush with water for 15 minutes INGESTION: Do not induce vomiting Consult physician

**SECTION V - REACTIVITY DATA**

STABILITY	UNSTABLE		CONDITIONS TO AVOID	None
	STABLE	X		
INCOMPATIBILITY (materials to avoid) <p align="center">Avoid hydrofluoric acid</p>				
HAZARDOUS DECOMPOSITION PRODUCTS: <p align="center">None</p>				
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID	None
	WILL NOT OCCUR	X		

**SECTION VI - SPILL AND LEAK PROCEDURES**

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED <p align="center">Sweep up dust Wear necessary protective equipment</p>
WASTE DISPOSAL METHOD
CERCLA (Superfund) REPORTABLE QUANTITY (in lbs)
RCRA HAZARDOUS WASTE NO. (40CFR 261.33) <p align="center">N/A</p>
VOLATILE ORGANIC COMPOUND (VOC) (as packaged, minus water) <p align="center">N/A</p>
<input type="checkbox"/> Theoretical ____ lb/gal N/A <input type="checkbox"/> Analytical ____ lb/gal N/A

**SECTION VII - PERSONAL PROTECTION INFORMATION**

RESPIRATORY PROTECTION (specify type) <p align="center">Use NIOSH / OSHA respirator to remove silica dust</p>			
VENTILATION	LOCAL EXHAUST (Specify Rate)	May be necessary	SPECIAL None
	MECHANICAL (General) (Specify Rate)		OTHER None
PROTECTIVE GLOVES (specify type) <p align="center">None</p>	EYE PROTECTION (specify type) <p align="center">Safety goggles</p>		
OTHER PROTECTIVE EQUIPMENT <p align="center">None</p>			


**SECTION VIII - SPECIAL PRECAUTIONS**

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING <p align="center">Keep in dry location</p>
OTHER PRECAUTIONS <p align="center">Keep away from children infants and pets</p>

**SECTION IX - ADDITIONAL INFORMATION**

**This product contains the following materials that are subject to the reporting requirements of Section 313 of EPCRA: 14808-60-7 Crystalline Quartz Silica - 86%**

N/A = Not Applicable, N.E. = None Established

THIS MATERIAL SAFETY DATA SHEET PREPARED BY:	
NAME James R. MacMurdo	SIGNATURE 
TITLE Director, Corporate Quality Assurance	
DATE 6/24/2003	

Brush Seater and Commutator Cleaner

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