

MATERIAL SAFETY DATA SHEET

ISSUE NO. 7  
REVISION DATE: 12/93  
REVIEW DATE: 12/93

\*\*\*\*\* PRODUCT IDENTIFICATION \*\*\*\*\*

PRODUCT/TRADE NAME: ELECTRICAL CEMENT (POWDER) - NO. DW-30

SUPPLIER: SAUEREISEN  
ADDRESS: 160 GAMMA DRIVE  
PITTSBURGH, PA 15238

EMERGENCY PHONE NUMBERS  
BUSINESS HOURS: 412/963-0303  
CHEMTREC: 800/424-9300

CHEMICAL FAMILY: MAGNESIUM OXIDE CEMENT;  $aMg(OH)_c \cdot bMgSO_4 \cdot dH_2O$

\*\*\*\*\* EMERGENCY AND FIRST AID PROCEDURES \*\*\*\*\*

EYE CONTACT: FLUSH EYES IMMEDIATELY WITH WATER OR PHYSIOLOGICAL SALINE FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION.  
SKIN CONTACT: WASH CONTACT AREA THOROUGHLY WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. LAUNDRER BEFORE REUSE.  
INHALATION: BREATHING - REMOVE TO FRESH AIR AT ONCE. APPLY ARTIFICIAL RESPIRATION IF BREATHING HAS STOPPED. GET MEDICAL ATTENTION.  
INGESTION: LOW IN TOXICITY - INDUCE VOMITING IF LARGE AMOUNTS ARE INGESTED. GET MEDICAL ATTENTION.

\*\*\*\*\* SPECIAL PROTECTION INFORMATION \*\*\*\*\*

EYE PROTECTION: SAFETY GLASSES WITH SIDE SHIELDS, CHEMICAL-TYPE GOGGLES OR FACE SHIELD.  
SKIN PROTECTION: RUBBER GLOVES  
RESPIRATORY PROTECTION: USE DUST RESPIRATORS IN COMPLIANCE WITH OSHA STANDARD 1910.134.  
VENTILATION: NORMAL VENTILATION FOR GOOD WORKING CONDITIONS SHOULD BE USED.  
OTHER: WASH THOROUGHLY AFTER HANDLING; SAFETY SHOWER AND EYEWASH STATION SHOULD BE WITHIN DIRECT ACCESS. KEEP CONTAINERS CLOSED.

\*\*\*\*\* HEALTH HAZARD DATA \*\*\*\*\*

THRESHOLD LIMIT VALUE: (If Established) 0.1 mg/m<sup>3</sup> - SILICA  
EFFECTS OF OVEREXPOSURE: SINCE THIS PRODUCT IS A MIXTURE, THERE IS NO EXPOSURE LIMIT ESTABLISHED FOR IT. HAZARDOUS COMPONENTS AND THEIR ASSOCIATED PERMISSIBLE EXPOSURE LIMITS ARE LISTED IN THE SECTION TITLED 'INGREDIENTS'. SPECIFIC HEALTH HAZARDS FROM THE VARIOUS INGREDIENTS INCLUDE: DUST MAY DEHYDRATE MUCOUS MEMBRANE - REPEATED INHALATION OF RESPIRABLE FREE DUST MAY CAUSE INDUSTRIAL BRONCHITIS OR DELAYED LUNG INJURY, (SILICOSIS).  
ORAL TOXICITY: (RATS) INGESTION - LOW ACUTE ORAL TOXICITY. LD50 RATS GREATER THAN 4000 mg/Kg OF BODY WEIGHT WHICH IS HIGHEST DOSE GIVEN.  
DERMAL TOXICITY: (RABBITS) INHALATION - DUST MAY BE VERY SLIGHTLY IRRITATING; NOT A SERIOUS PROBLEM. MAY CAUSE CATHARSIS OR VOMITING.

LISTED AS A CARCINOGEN:

OSHA	<u>X</u>	NO	NTP	<u>X</u>	NO	IARC	_____	NO
	_____	YES		_____	YES		<u>X</u>	YES

SILICA IS LISTED ON IARC AS A SUSPECTED CARCINOGEN.