

# MATERIAL SAFETY DATA SHEET

IDENTITY: INDICATING DRIERITE

DATE PREPARED: 2-29-2012

DESCRIPTION: 1/16" TO 1/4" BLUE GRANULES

## SECTION I

MANUFACTURERS NAME: W.A. HAMMOND DRIERITE CO., LTD.

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INFORMATION PHONE NUMBER: 937-376-2927

[www.drierite.com](http://www.drierite.com)

## SECTION II INGREDIENTS

CHEMICAL IDENTITY %	OSHA PEL	ACGIH TLV	UNITS	C.A.S. #	TSCA #
CALCIUM SULFATE, >98	15	10	mg/M3	7778-18-9	A739-8876
COBALT CHLORIDE <2	0.05*	0.05*	mg/M3	7646-79-9	A451-6434

\*(AS COBALT METAL)

HAZARDOUS MATERIAL IDENTIFICATION SYSTEMS (HMIS)

HEALTH	FLAMMABILITY	REACTIVITY	PROTECTIVE EQUIPMENT
1	0	1	E

## SECTION III

### PHYSICAL/CHEMICAL CHARACTERISTICS

SPECIFIC GRAVITY: (H20-1): 1.87

SOLUBILITY IN WATER: 0.25 GRAMS PER LITER

MELTING POINT: 1450 C DECOMPOSES

APPEARANCE: BLUE GRANULES; NO ODOR

## SECTION IV

### FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: NONE

EXTINGUISHER MEDIA: NOT COMBUSTABLE

SPECIAL FIRE FIGHTING PROCEDURES: NONE

UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE

## SECTION V

### REACTIVITY DATA

STABILITY: STABLE

INCOMPATIBLE (MATERIALS TO AVOID): STRONG ACIDS

HAZARDOUS DECOMPOSITION BYPRODUCTS: SO<sub>3</sub> @ 1450 C Cl<sub>2</sub> @ 318 C

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

## SECTION VI

### HEALTH HAZARD DATA

EYES: PARTICLES MAY CAUSE IRRITATION

SKIN: THIS MATERIAL IS NOT TOXIC. MAY DRY OR IRRITATE SKIN

INHALATION: MAY CAUSE AN IRRITATION OR RESPIRATORY ORGANS OF SENSITIVE PERSONS RESULTING IN THE OBSTRUCTION OF AIRWAYS WITH SHORTNESS OF BREATH.

INGESTION: MAY CAUSE VOMITING, DIARRHEA, AND SENSATION OF WARMTH.

SIGNS AND SYMPTOMS OF OVER EXPOSURE: EYES, NOSE, THROAT, OR RESPIRATORY IRRITATION

CARCINOGENICITY OF INGREDIENTS:

MATERIAL	IARC	NTP	OSHA
ALL	NOT LISTED	NOT LISTED	NOT LISTED
COBALT CHLORIDE	YES*	NO	NO

\*(COBALT & COBALT COMPOUNDS ARE CLASSIFIED AS GROUP 2B)

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

PRE-EXISTING UPPER RESPIRATORY AND LUNG DISEASE SUCH AS, BUT NOT LIMITED TO BRONCHITIS, EMPHYSEMA & ASTHMA

**EMERGENCY AND FIRST AID PROCEDURES:**

**EYES:** FLUSH WITH WATER. IF IRRITATION CONTINUES OBTAIN MEDICAL ATTENTION

**DUST INHALATION:** REMOVE TO FRESH AIR

**SKIN:** WASH WITH WATER

**INGESTION:** IF PATIENT IS CONSCIOUS, INDUCE VOMITING. OBTAIN MEDICAL ATTENTION

**SECTION VII**

**SPILL OR LEAKAGE PROCEDURES**

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

SWEEP OR VACUUM MATERIAL INTO APPROPRIATE WASTE CONTAINER FOR DISPOSAL. AVOID DUSTING CONDITIONS

**WASTE DISPOSAL METHOD:** THIS MATERIAL CAN BE DISPOSED OF IN ACCORDANCE WITH PROCEDURES ACCEPTABLE UNDER FEDERAL, STATE, AND LOCAL REGULATIONS.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** KEEP CONTAINER CLOSED. STORE IN COOL DRY PLACE. AVOID GENERATING DUST.

**SECTION VIII**

**CONTROL MEASURES**

**RESPIRATORY PROTECTION:** MASK NIOSH/OSHA APPROVED FOR DUST

**VENTILATION:** TO MEET TLV REQUIREMENTS

**EYES:** SAFETY GLASSES OR GOGGLES

**OTHER PROTECTIVE EQUIPMENT:** GLOVES OR PROTECTIVE CLOTHING NOT USUALLY NECESSARY BUT MAY BE DESIRABLE IN SPECIFIC WORK SITUATIONS.

**SECTION IX**

**REFERENCES**

U.S. DEPARTMENT OF LABOR - OSHA FORM APPROVED OMB NO. 1218-0072 OSHA HAZARD COMMUNICATION STANDARD-29 CFR 1910. 1200 U.S. GYPSUM CO. & SHEPARD CHEMICAL

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