

Common Name: PLASTER OF PARIS - WHITE POWDER
Manufacturer: RED DEVIL
SDS Revision Date: 11/9/2010
SDS Format: No Format Specified

Grainger Item Number(s): 4CRE7, 4CRE8

Manufacturer Model
Number(s):

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MATERIAL SAFETY DATA SHEET

0360 PLASTER OF PARIS
0361 PLASTER OF PARIS

MSDS NO.: 0012

REV.: 2

EMERGENCY PHONE NO.: 800-535-5053 - INFOTRAC

SECTION 1 - PRODUCT NAME & MANUFACTURER INFORMATION

PRODUCT NAME: PLASTER OF PARIS - WHITE POWDER

MANUFACTURER'S NAME & TELEPHONE NUMBER:

RED DEVIL, INC.
(918)825-5744

STREET ADDRESS: 4175 WEBB STREET
CITY / STATE / ZIP: PRYOR, OKLAHOMA 74361

SECTION 2 - COMPOSITION / HAZARDOUS INGREDIENTS

	%	TLV	PEL	UNITS
PRODUCT CONSISTS OF:				
CALCIUM SULFATE (7778-18-9)	100	10**	15	MG/M3
NON-HAZARDOUS INGREDIENTS*	0	NE	NE	

*UNLISTED INGREDIENTS ARE NOT CONSIDERED HAZARDOUS UNDER THE OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200).

** TWA.

CALCULATED VOC: 0%/WT, 0 G/L.

CARB COMPLIANCE: YES.

PROP 65 INGREDIENTS: YES (SEC 16).

SECTION 3 - HAZARDS IDENTIFICATION

PRIMARY ROUTE(S) OF ENTRY:

- (X) SKIN CONTACT
- (X) SKIN ABSORPTION
- (X) EYE CONTACT
- (X) INHALATION
- (X) INGESTION

EMERGENCY OVERVIEW:

WARNING:

CAUSES IRRITATION TO SKIN, EYES & RESPIRATORY TRACT. MAY BE HARMFUL IF SWALLOWED.

EFFECTS OF OVEREXPOSURE:

EYE CONTACT: CAUSES IRRITATION, REDNESS & PAIN.

SKIN CONTACT: CAUSES IRRITATION, REDNESS, PAIN.

INHALATION: CAUSES IRRITATION TO RESPIRATORY TRACT.

INGESTION: MAY CAUSE OBSTRUCTION IN STOMACH, AS IT HARDENS W/ MOISTURE.

CHRONIC EXPOSURE: NONE KNOWN.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: NO INFORMATION FOUND.

SECTION 4 - FIRST AID MEASURES

SKIN CONTACT:

IMMEDIATELY FLUSH SKIN W/ PLENTY OF WATER FOR @ LEAST 15 MINUTES, WHILE REMOVING CONTAMINATED CLOTHING & SHOES. SEEK MEDICAL ATTENTION IMMEDIATELY. WASH CLOTHING BEFORE REUSE. THOROUGHLY CLEAN SHOES BEFORE REUSE.

EYE CONTACT:

IMMEDIATELY FLUSH EYES W/ PLENTY OF WATER FOR @ LEAST 15 MINUTES, LIFTING LOWER & UPPER EYELIDS OCCASIONALLY. SEEK MEDICAL ATTENTION IMMEDIATELY.

INHALATION:

REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING DIFFICULT, GIVE OXYGEN. SEEK MEDICAL ATTENTION.

INGESTION:

INDUCE VOMITING IMMEDIATELY AS DIRECTED BY MEDICAL PERSONNEL. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. SEEK MEDICAL ATTENTION.

NOTE TO PHYSICIAN:

DRINKING GLYCERIN, GELATIN SOLUTIONS OR LARGE VOLUMES OF WATER MAY DELAY THE HARDENING OF CALCIUM SULFATE IN THE STOMACH. SURGICAL RELIEF OF OBSTRUCTION, PARTICULARLY @ THE PYLORUS, MAY BE NECESSARY.

SECTION 5 - FIRE FIGHTING MEASURES

FLAMMABLE:

() YES

(X) NO

NOT CONSIDERED TO BE A FIRE HAZARD.

EXTINGUISHING MEDIA:

USE ANY MEANS SUITABLE FOR EXTINGUISHING SURROUNDING FIRE.

FLASHPOINT (DEG. F) & METHOD: MATERIAL NONCOMBUSTIBLE.

UPPER EXPLOSIVE LIMIT (% BY VOLUME): NA

LOWER EXPLOSIVE LIMIT (% BY VOLUME): NA

AUTOIGNITION TEMPERATURE (DEG. F): NA

UNUSUAL FIRE & EXPLOSION HAZARDS: NONE KNOWN.

SPECIAL FIREFIGHTING PROCEDURES:

IN EVENT OF A FIRE, WEAR FULL PROTECTIVE CLOTHING & NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS W/ FULL FACE PIECE OPERATED IN THE PRESSURE DEMAND OR OTHER POSITIVE PRESSURE MODE.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

PROCEDURES:

VENTILATE AREA. WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT AS SPECIFIED IN SECTION 8.

SPILLS:

SWEEP UP & CONTAINERIZE FOR RECLAMATION OR DISPOSAL. VACUUMING OR WET SWEEPING MAY BE USED TO AVOID DUST.

SECTION 7 - HANDLING & STORAGE

HANDLING PROCEDURES & EQUIPMENT:

KEEP IN A TIGHTLY CLOSED CONTAINER. PROTECT AGAINST PHYSICAL DAMAGE. CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTY, SINCE THEY RETAIN PRODUCT RESIDUES. OBSERVE WARNINGS/PRECAUTIONS LIST

STORAGE REQUIREMENTS: COOL, DRY, VENTILATED AREA.

SECTION 8 - EXPOSURE CONTROL / PERSONAL PROTECTION

RESPIRATORY:

USE NIOSH TYPE N95 OR BETTER FILTERS, IF EXPOSURE LIMIT EXCEEDED & ENGINEERING CONTROLS NOT FEASIBLE.

EYEWEAR:

USE CHEMICAL SAFETY GOGGLES. MAINTAIN EYE WASH FOUNTAIN & QUICK-DRENCH FACILITIES IN WORK AREA.

CLOTHING / GLOVES: WEAR PROTECTIVE GLOVES & CLEAN BODY-COVERING CLOTHING.

HYGIENIC PRACTICES:

TAKE APPROPRIATE MEASURES TO PREVENT ALL CONTACT. WASH THOROUGHLY BEFORE BREAKS & AFTER WORKDAY.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: GRANULES OR POWDER

ODOR & APPEARANCE: ODORLESS POWDER OR GRANULES.

SPECIFIC GRAVITY: APPROXIMATELY 2.5

VAPOR DENSITY (AIR=1): NE

EVAPORATION RATE: NE

BOILING RANGE (DEG. F): NE

PH: NE

SOLUBILITY IN WATER: SLIGHT, 0.3 G PER 100 G WATER @ 77F.

VAPOR PRESSURE (MMHg): NE

% VOLATILES BY VOLUME: APPROXIMATELY 0

SECTION 10 - STABILITY AND REACTIVITY

STABILITY:

YES

NO

STABLE UNDER ORDINARY CONDITIONS OF USE & STORAGE. VERY HYGROSCOPIC.

INCOMPATIBILITY:

YES

NO

DIAZOMETHANE, ALUMINUM, PHOSPHOROUS.

CONDITIONS TO AVOID: AIR, MOISTURE & INCOMPATIBLES.

HAZARDOUS POLYMERIZATION/HAZARDOUS DECOMPOSITION PRODUCTS:

HAZARDOUS POLYMERIZATION WILL NOT OCCUR. HAZARDOUS DECOMPOSITION:

BURNING MAY PRODUCE SULFUR OXIDES.

SECTION 11 - TOXICOLOGICAL INFORMATION / CARCINOGENICITY

ACGIH: SMALL % OF CRYSTALLINE SILICA MAY BE PRESENT IN BASE MATERIAL.

OSHA: SMALL % OF CRYSTALLINE SILICA MAY BE PRESENT IN BASE MATERIAL.

IARC:

IARC CATEGORY:

NONE. SMALL % OF CRYSTALLINE SILICA MAY BE PRESENT IN BASE MATERIAL.

NTP:

NTP CARCINOGEN:

KNOWN: NO.

ANTICIPATED: NO.

SMALL % OF CRYSTALLINE SILICA MAY BE PRESENT IN BASE MATERIAL.

DATA WITH POSSIBLE RELEVANCE TO HUMANS:

CRYSTALLINE SILICA IS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

SECTION 12 - ECOLOGICAL INFORMATION

AQUATIC TOXICITY:

ENVIRONMENTAL FATE: NO INFORMATION FOUND.

ENVIRONMENTAL TOXICITY: NO INFORMATION FOUND.

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:

WHATEVER CANNOT BE SAVED FOR RECOVERY OR RECYCLING SHOULD BE MANAGED IN AN APPROPRIATE & APPROVED WASTE DISPOSAL FACILITY. PROCESSING, USE OR CONTAMINATION OF THIS PRODUCT MAY CHANGE THE WASTE MANAGEMENT OPTIONS. STATE & LOCAL DISPOSAL REGULATIONS MAY DIFFER FROM FEDERAL. DISPOSE OF CONTAINER & UNUSED CONTENTS IN ACCORDANCE W/ FEDERAL, STATE & LOCAL REQUIREMENTS.

EPA WASTE CODE IF DISCARDED (40 CFR SEC.261):

SECTION 14 - TRANSPORT INFORMATION

SPECIAL SHIPPING INFORMATION: NOT REGULATED.

SECTION 15 - REGULATORY INFORMATION

CERCLA - SARA HAZARD CATEGORY:

CERCLA: NO.

SARA 311/312:

ACUTE: YES.

CHRONIC: NO.

FIRE: NO.

PRESSURE: NO.

REACTIVITY: NO.

SARA 313: NO.

U.S. STATE REGS: SEE SECTION 16.

TSCA:

ALL INGREDIENTS OF THIS MATERIAL LISTED ON TSCA INVENTORY.

TSCA 8 (D): NO.

TSCA 12 (B): NO.

SECTION 16 - OTHER INFORMATION / SPECIAL PRECAUTIONS / LEGEND

ADDITIONAL CHEMICAL INVENTORY STATUS:

EC: YES.

JAPAN: YES.

AUSTRALIA: YES.

KOREA: YES.
DSL: YES.
NDSL: NO.

RCRA:
(261.33): NO.

CHEMICAL WEAPONS CONVENTION: NO.

CDTA: NO.

AUSTRALIAN HAZCHEM CODE: NONE ALLOCATED.

POISON SCHEDULE: NONE ALLOCATED.

WHMIS:

MSDS PREPARED ACCORDING TO HAZARD CRITERIA OF CONTROLLED PRODUCTS REGULATIONS (CPR) & MSDS CONTAINS ALL INFORMATION REQUIRED BY CPR.

NFPA RATINGS:

HEALTH 1.
FLAMMABILITY 0.
REACTIVITY 0.

WARNING:

SMALL % OF CRYSTALLINE SILICA MAY BE PRESENT IN BASE MATERIAL, KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

INTERNATIONAL EMERGENCY NUMBER: 352-323-3500.

LEGEND:

NA - NOT APPLICABLE
NE - NOT ESTABLISHED
UN - UNAVAILABLE
VOC - VOLATILE ORGANIC COMPOUND
PEL - PERMISSIBLE EXPOSURE LIMIT
TLV - THRESHOLD LIMIT VALUE
STEL - SHORT TERM EXPOSURE LIMIT
MSDS - MATERIAL SAFETY DATA SHEET
ACGIH - AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS
SARA - SUPERFUND AMENDMENTS & REAUTHORIZATION ACT OF 1986
OSHA - OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION
HMIS - HAZARDOUS MATERIALS IDENTIFICATION SYSTEM
NTP - NATIONAL TOXICOLOGY PROGRAM
CEIL - CEILING EXPOSURE LIMIT
CASRN (CAS NUMBER) - CHEMICAL ABSTRACTS SERVICE REGISTRY NUMBER
TSCA - TOXIC SUBSTANCES CONTROL ACT
CPR - CONTROLLED PRODUCTS REGULATIONS.

REVIEWED BY:

NAME: LARRY BRANDON

TITLE: VICE PRESIDENT TECHNOLOGY & GENERAL MANAGER

DATE: NOVEMBER 9, 2010

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