MATERIAL SAFETY DATA SHEET
DAP INC.
P.O. BOX 277
DAYTON, OH 45401-0277

NATIONAL PAINT
AND COATINGS
ASSOCIATION

HAZARDOUS MATERIAL
IDENTIFICATION
SYSTEM

HEALTH HAZARD 1 - SLIGHT
FLAMMABILITY HAZARD 0 - MINIMAL
REACTIVITY HAZARD 0 - MINIMAL
PERSONAL PROTECTION B - GLASSES,
GLOVES

SECTION I. MATERIAL IDENTIFICATION

TRADE/MATERIAL NAME: DURABOND PLASTER OF PARIS E/M
DESCRIPTION: PLASTER OF PARIS
CAS: MIXTURE
PREVIOUS MSDS REVISION DATE: SEPTEMBER 10, 1990

DOT INFORMATION FOR DOMESTIC GROUND TRANSPORT:
SHIPPING NAME (49 CFR 172.101): NA
D.O.T. HAZARD CLASS (49 CFR 172.101): NA
D.O.T. ID NO. (49 CFR 172.101): NA
D.O.T. LABEL REQUIRED (49 CFR 172.101): NA
EPA HAZARD CLASS - IF DISCARDED (40 CFR 261): NONE

MANUFACTURER: DAP INC.
P.O. BOX 277
DAYTON, OH 45401-0277
PHONE: 1-800-543-3840
1-513-667-4461

SECTION II. INGREDIENTS AND HAZARDS

INGREDIENT NAME: CAS NUMBER: PERCENT: EXPOSURE LIMITS:
CALCIUM SULFATE 7778-18-9 75-85
OSHA PEL: 15MG/M3THA
ACGIH TLV: 5MG/M3THA
(TOTAL PARTICULATE)
(Total Respirable FRACTION)
CALCIUM CARBONATE 1317-65-3 15-25
OSHA PEL: 10MG/M3THA
OSHA PEL: 5MG/M3THA
(TOTAL PARTICULATE)
(Total Respirable FRACTION)
ACGIH TLV: 5MG/M3THA
(Total Respirable FRACTION)

REMAINING INGREDIENTS ARE NOT REGULATED BY OSHA AND ARE CONSIDERED TRADE SECRETS

MSDS 71008 CONTINUES ON PAGE 2
SECTION III. PHYSICAL DATA

APPEARANCE & ODOR: OFF-WHITE POWDER, LOW ODOR

BOILING POINT: NA
VAPOR PRESSURE: NA
WATER SOLUBILITY (%): 0.2
VAPOR DENSITY (AIR=1): NA

EVAPORATION RATE: NA
SPECIFIC GRAVITY (H2O=1): 2.7
% VOLATILE BY VOLUME: 0

VOC LESS WATER LESS VOLATILE SOLVENT (G/LITER): 0
VOC MATERIAL (G/LITER): 0

SECTION IV. FIRE AND EXPLOSION DATA

FLASH POINT (METHOD): >200F
LIMITS: LEL %: NE
UEL %: NE

EXTINGUISHING MEDIA: FOAM, CARBON DIOXIDE, DRY CHEMICAL

UNUSUAL FIRE OR EXPLOSION HAZARDS: NONE KNOWN

SPECIAL FIRE-FIGHTING PROCEDURES: USE WATER SPRAY TO COOL EXPOSED SURFACES.

SECTION V. REACTIVITY DATA

MATERIAL IS STABLE. HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

CHEMICAL INCOMPATIBILITIES: STRONG OXIDIZERS AND CAUSTICS.

CONDITIONS TO AVOID: EXCESSIVE HEAT AND FREEZING

HAZARDOUS DECOMPOSITION PRODUCTS: ABOVE 1450 C - SO2 & CAO

SECTION VI. HEALTH HAZARD INFORMATION

THIS PRODUCT IS NOT CONSIDERED A CARCINOGEN BY NTP, IARC OR OSHA.

MEDICAL CONDITIONS WHICH MAY BE AGGRAVATED BY CONTACT: ASTHMA AND ASTHMA-LIKE
CONDITIONS MAY WORSEN FROM PROLONGED AND REPEATED OVEREXPOSURE.

PRIMARY ENTRY ROUTE(S): SKIN CONTACT AND INHALATION OF DUST DURING MIXING OR WHEN DRY SANDING.

ACUTE EFFECTS: WHEN MIXED WITH WATER, THIS MATERIAL HARDENS AND THEN SLOWLY BECOMES HOT. DO NOT ATTEMPT TO MAKE A CAST ENCLOSING ANY PART OF THE BODY USING THIS MATERIAL. MAY CAUSE BURNS DUE TO HEAT GENERATED WHILE SETTING. INGESTION MAY RESULT IN OBSTRUCTION WHEN WETTED PLASTER HARDENS. EXPOSURE TO DUST MAY RESULT IN BUILD-UP OF MATERIAL IN EYES, EARS, NOSE AND MOUTH WHICH MAY CAUSE IRRITATION.

CHRONIC EFFECT(S): INHALATION OF DUST MAY RESULT IN PULMONARY AND RESPIRATORY DAMAGE.

HEALTH HAZARD INFORMATION CONTINES ON PAGE 3

--- PAGE 2
FIRST AID:

EYE CONTACT: FLUSH WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES. CONTACT A PHYSICIAN IMMEDIATELY.

SKIN CONTACT: WASH WITH SOAP AND WATER.

INHALATION: REMOVE TO FRESH AIR. CONTACT PHYSICIAN IMMEDIATELY.

INGESTION: DO NOT INDUCE VOMITING. CONTACT PHYSICIAN OR REGIONAL POISON CONTROL CENTER IMMEDIATELY.

SECTION VII. SPILL, LEAK AND DISPOSAL PROCEDURES

SPILL / LEAK PROCEDURES: VACUUM UP AND REUSE EXCESS POWDER. PLACE REMAINING POWDER INTO CONTAINERS.

WASTE MANAGEMENT / DISPOSAL: DISPOSE OF ACCORDING TO FEDERAL, STATE AND LOCAL STANDARDS. DO NOT REUSE EMPTY CONTAINERS. THIS PRODUCT IS NON-HAZARDOUS ACCORDING TO U.S. EPA'S HAZARDOUS WASTE MANAGEMENT REGULATIONS, 40 CFR SECTION 261.

SECTION VIII. SPECIAL PROTECTION INFORMATION

PERSONAL PROTECTIVE EQUIPMENT:

GOGGLES: SAFETY GLASSES WITH SIDE SHIELDS RECOMMENDED

GLOVES: RECOMMENDED FOR REPEATED OR PROLONGED CONTACT WITH SKIN.

RESPIRATOR: IF 8-HOUR EXPOSURE LIMIT OR VALUE IS EXCEEDED FOR ANY COMPONENT, USE AN APPROVED NIOSH/OSHA RESPIRATOR. CONSULT YOUR SAFETY EQUIPMENT SUPPLIER AND THE OSHA REGULATION, 29 CFR 1910.134 FOR RESPIRATOR REQUIREMENTS.

WORKPLACE CONSIDERATIONS:

VENTILATION: IF DRY-SANDING, PROVIDE SUFFICIENT MECHANICAL VENTILATION (LOCAL OR GENERAL EXHAUST) TO MAINTAIN EXPOSURE BELOW PEL AND TLV.

SAFETY STATIONS:

NONE REQUIRED.

CONTAMINATED EQUIPMENT:

WASH CONTAMINATED CLOTHING BEFORE REUSE.
SECTION IX. SPECIAL PRECAUTIONS

STORAGE SEGREGATION: STORE AWAY FROM CAUSTICS AND OXIDIZERS.

SPECIAL HANDLING / STORAGE: KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. KEEP OUT OF REACH OF CHILDREN. KEEP CONTAINERS FROM EXCESSIVE HEAT AND FREEZING.

DOT CLASS: SEE SECTION I  UN REGISTER: SEE SECTION I