

ABBREVIATIONS: NA = NOT APPLICABLE
ND = NOT DETERMINED
NE = NOT ESTABLISHED

HEALTH = 1
FLAMMABILITY = 2
REACTIVITY = 0
PERSONAL PROTECTION = +
+ SEE SECTION VIII

SECTION I-MATERIAL IDENTIFICATION AND USE

MATERIAL NAME/IDENTIFIER: ACE FIBERED PLASTIC RF CEMENT
MANUFACTURERS NAME AND ADDRESS: GIBSON-HOMANS COMPANY
1755 ENTERPRISE PARKWAY
TWINSBURG, OHIO 44087

EMERGENCY TELEPHONE NO.: (DAY) 330/425-3255 (24 HOUR) 440/843-2982
DATE PREPARED: JULY 2, 1986 REVISED: OCTOBER 3, 2000
CHEMICAL FAMILY: MIXTURE
CHEMICAL FORMULA/MOLECULAR WT: NA
TRADE NAME AND SYNONYMS: ASTM D4586, TYPE II
MATERIAL USE: ROOF CEMENT

SECTION II-HAZARDOUS INGREDIENTS

CHEMICAL NAME	OSHA-PEL	ACGIH-TLV	LD50/LC50	% WT
MINERAL SPIRITS	100 PPM	100 PPM	>5000 MK/KG	18
CAS #8052-41-3	-	340 PPM STEL	(ORAL-RAT)	
CARCINOGEN: NO				
Sara Title III, Sect. 313 reportable: NO				

SECTION III-PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: 300-315 DEG.F (148-157 C) VAPOR PRESSURE(MM): 25 DEG.C. 2 MM
VAPOR DENSITY(AIR=1): >1
SPECIFIC GRAVITY/DENSITY(G/ML): 1.1 MELTING/FREEZING POINT: NA
EVAPORATION RATE(BUAC=1): <1 SOLUBILITY IN WATER: NIL
%VOLATILE BY VOLUME: 10-30 PH: NA
EFFICIENT OF WATER/OIL DISTRIBUTION: ND ODOR THRESHOLD (PPM): ND
APPEARANCE, PHYSICAL STATE AND ODOR: BLACK PASTE, SOLVENT ODOR.

SECTION IV-FIRE AND EXPLOSION DATA

FLASH POINT: 105 DEG.F (40 C.) MIN. PMCC UPPER EXPLOSION LIMIT: 7.0
AUTO IGNITION TEMPERATURE: 490 DEGF (254C) LOWER EXPLOSION LIMIT: .8
SENSITIVITY TO CHEMICAL IMPACT: ND RATE OF BURNING: <2.2 MM/S
EXPLOSIVE POWER: ND SENSITIVITY TO STATIC DISCHARGE: ND
EXTINGUISHING MEDIA: FOAM, CARBON DIOXIDE, DRY CHEMICALS.
SPECIAL FIRE FIGHTING PROCEDURES: THE USE OF A SELF-CONTAINED BREATHING
APPARATUS IS RECOMMENDED FOR FIREFIGHTERS. WATER MAY CAUSE
FROTHING. APPLY CAUTIOUSLY.
UNUSUAL FIRE AND EXPLOSION HAZARDS: KEEP AWAY FROM SOURCES OF IGNITION.
FLAMMABILITY: YES
UNDER WHAT CONDITIONS: CLASS B, DIV. 3
PRESENCE OF HEAT, SPARKS, STATIC ELECTRICITY, OPEN FLAME OR OTHER
SOURCES OF IGNITION.

SECTION V-REACTIVITY DATA

STABILITY-MATERIAL IS: STABLE
CONDITIONS TO AVOID: HEAT, SPARKS, FLAMES.
INCOMPATIBILITY(MATERIALS TO AVOID): STRONG OXIDIZERS.
HAZARDOUS DECOMPOSITION/COMBUSTION PRODUCTS: CARBON DIOXIDE, CARBON MONOXIDE
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
CONDITIONS TO AVOID: NA

SECTION VI-HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: INHALATION - SKIN - INGESTION
EFFECTS OF OVEREXPOSURE, CHRONIC: NONE KNOWN

EFFECTS OF OVEREXPOSURE, ACUTE: SKIN: PROLONGED/REPEATED CONTACT MAY CAUSE IRRITATION. EYES: MAY CAUSE IRRITATION, BLURRED VISION. INHALATION: EXCESSIVE BREATHING OF HIGH VAPOR CONCENTRATIONS CAN CAUSE NASAL AND RESPIRATORY IRRITATION, DIZZINESS, NAUSEA, POSSIBLE UNCONSCIOUSNESS AND EVEN ASPHYXIATION. INGESTION: CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING AND DIARRHEA. ASPIRATION OF MATERIAL INTO LUNGS
EMERGENCY AND FIRST AID PROCEDURES: SKIN: WASH WITH SOAP AND WATER. EYES: FLUSH WITH LARGE AMOUNTS OF WATER. INHALATION: REMOVE PERSON FROM AFFECTED AREA. IF BREATHING IS DIFFICULT ADMINISTER OXYGEN. IF BREATHING HAS STOPPED GIVE ARTIFICIAL RESPIRATION. INGESTION: DO NOT INDUCE VOMITING. SEEK MEDICAL ATTENTION IMMEDIATELY.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: PRE-EXISTING LUNG AND SKIN DISORDERS.

CARCINOGENICITY: NO

LD50 OF PRODUCT: ND

IRRITANT?: NO

SYNERGISTIC MATERIALS: NA

REPRODUCTIVE EFFECTS: ND

LC50 OF PRODUCT: ND

SENSITIZER?: NO

TERATOGENIC: ND

MUTAGENIC: ND

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SECTION VII-PREVENTIVE MEASURES, SAFE HANDLING AND USE

LEAK AND SPILL PROCEDURES: DIKE SPILL AREA. RECOVER FREE LIQUID. ADD ABSORBENT TO SPILL AREA. REMOVE SOURCES OF IGNITION. VENTILATE AREA IF NECESSARY.

WASTE DISPOSAL METHOD: DISPOSE OF ACCORDING TO FEDERAL, STATE AND LOCAL REGULATIONS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: KEEP AWAY FROM SOURCES OF IGNITION. USE ONLY WITH ADEQUATE VENTILATION. AVOID PROLONGED/REPEATED CONTACT WITH SKIN.

OTHER: KEEP OUT OF THE REACH OF CHILDREN!

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SECTION VIII-CONTROL MEASURES/PROTECTION INFORMATION

VENTILATION: AS NECESSARY TO MAINTAIN EXPOSURE BELOW TLV LEVEL.

RESPIRATORY PROTECTION: NOT NORMALLY NEEDED IN WELL VENTILATED AREA. IF TLV IS EXCEEDED, A NIOSH/MSHA APPROVED BREATHING APPARATUS IS RECOMMENDED.

PROTECTIVE GLOVES: OIL RESISTANT

EYE PROTECTION: CHEMICAL GOGGLES IF EYE CONTACT POSSIBLE.

OTHER PROTECTIVE EQUIPMENT: AS NECESSARY.

WORK/HYGENIC PRACTICES: REMOVE CONTAMINATED CLOTHING, LAUNDRER BEFORE REUSE.

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SECTION IX-REGULATORY INFORMATION

REPORTABLE QUANTITY (MIN. UNDER ANY ACT): NONE

RCRA HAZARDOUS WASTE NO: (FED) NONE

SHIPPING NAME: CEMENT, ROOFING, NOI

NORTH AMERICAN EMERGENCY RESPONSE GUIDE NUMBER: NA

DOT CLASSIFICATION: NOT REGULATED AS PER 49 CFR 171.8 & 49 CFR 173.124(A)

IDENTIFICATION NO: NMFC ITEM NO. 170060 NMFC CLASS 055

VOLATILE ORGANIC COMPOUNDS(VOC): 300 G/L MAX.

IMDG CLASSIFICATION: NOT REGULATED AS PER SECTION 1.6 ON IMDG CODE PAGE

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