
SECTION 1: GENERAL INFORMATION

ATLAS MINERALS & CHEMICALS, INC.
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DATE OF DATA SHEET: 07/31/12
PRODUCT NUMBERS: Z530105, 0530317, 0530318

TRADE NAME: EPOXYBOND® POOL PUTTY HARDENER

CHEMICAL FAMILY: AMIDOAMINE

SECTION 1A: REGULATORY AFFAIRS INFORMATION

1. THE INGREDIENTS IN THIS PRODUCT ARE LISTED IN THE TSCA INVENTORY AS REQUIRED BY LAW AND IN THE DSL AS REQUIRED BY CANADIAN LAW.
2. INGREDIENTS PRESENT AT A LEVEL THAT MAY BE SUBJECT TO REPORTING REQUIREMENTS OF SARA TITLE III SECTION 313.

<u>INGREDIENTS</u>	<u>CAS NUMBER</u>
BISPHENOL-A	80-05-7
3. INGREDIENTS PRESENT AT A LEVEL WHICH COULD REQUIRE REPORTING OF RELEASE UNDER CERCLA.
INGREDIENTS – NONE
4. INGREDIENTS PRESENT AT A LEVEL THAT IS SUBJECT TO EMERGENCY PLANNING REQUIREMENTS OF THRESHOLD PLANNING QUANTITIES (TPQ'S) AND RELEASE REPORTING BASED ON REPORTABLE QUANTITIES (RQ'S) IN 40CFR355 (USED FOR SARA TITLE III SECTIONS 302, 304, 311 AND 312).
INGREDIENTS – NONE
5. INGREDIENTS LISTED IN CALIFORNIA PROPOSITION 65 AS CAUSING CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.
INGREDIENTS – NONE
6. INGREDIENTS LISTED IN PENNSYLVANIA ON THE HAZARDOUS SUBSTANCE LIST.

<u>INGREDIENTS</u>	<u>CAS NUMBER</u>
LIMESTONE	1317-65-3
TALC	14807-96-6
SILICA	14808-60-7
DIETHYLENETRIAMINE	111-40-0
BISPHENOL-A	80-05-7

7. INGREDIENTS LISTED IN NEW JERSERY AS A TRADE SECRET.

<u>INGREDIENT</u>	<u>REGISTRY NUMBER</u>
AMIDOAMINE MIXTURE	05995500- (H501-U)

SECTION 2: INGREDIENTS

INGREDIENTS:

CALCIUM CARBONATE (LIMESTONE) *				
CAS #: 1317-65-3	%: 35 - 55	TWA: 10 MG/M3	STEL: N / E	
MODIFIED POLYETHYLENE POLYAMINE ADDUCTS				
CAS #: **	%: <14	TWA: N / E	STEL: N / E	
MAGNESIUM SILICATE (TALC) *				
CAS #: 14807-96-6	%: 10 - 20	TWA: 10 MG/M3	STEL: N / E	
CALCIUM CARBONATE				
CAS #: 471-34-1	%: 10 - 15	TWA: 10 MG/M3	STEL: N / E	
MAGNESIUM CARBONATE				
CAS #: 546-93-0	%: 1 - 16	TWA: 10 MG/M3	STEL: N / E	
DIETHYLENETRIAMINE				
CAS #: 111-40-0	%: 1 - 16	TWA: 1 PPM	STEL: N / E	
AMIDOAMINE MIXTURE				
CAS #: **	%: 1 - 10	TWA: N / E	STEL: N / E	
SILICA				
CAS #: 14808-60-7	%: <2	TWA: 0.1 MG/M3	STEL: N / E	
BISPHENOL-A				
CAS #: 80-05-7	%: <2	TWA: N / E	STEL: N / E	

* NATURALLY OCCURRING SUBSTANCE

** IDENTITY WITHHELD BY MANUFACTURER AS TRADE SECRET

SARA TITLE III HAZARD CATEGORIES

HEALTH: ACUTE (IMMEDIATE) – YES	FIRE – NO
HEALTH: CHRONIC (DELAYED) – NO	REACTIVE – NO
SUDDEN RELEASE OF PRESSURE – NO	

CARCINOGENICITY

SILICA (14808-60-7) LISTED BY IARC AND NTP, NOT OSHA

SECTION 3: PHYSICAL DATA

BOILING POINT: 450°F (232°C)
 VAPOR PRESSURE: VERY LOW
 VAPOR DENSITY: HEAVIER THAN AIR
 SPECIFIC GRAVITY: 2.0
 PERCENT VOLATILE: NIL
 EVAPORATION RATE: N / A
 SOLUBILITY IN WATER: PARTIALLY SOLUBLE
 APPEARANCE AND ODOR: STIFF PUTTY; SLIGHT AMMONIA ODOR

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 490°F (254°C) (C.O.C)

EXTINGUISHING MEDIA: CO₂, DRY CHEMICALS, FOAM, WATER SPRAY
SPECIAL FIRE FIGHTING PROCEDURES: FIRE FIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS IN CONFINED OR ENCLOSED AREAS. WATER MAY BE USED TO COOL SURROUNDING AREA. IF LARGE AMOUNT IS INVOLVED, EVACUATE AREA AND FIGHT FIRE FROM A SAFE DISTANCE. COOL CLOSED CONTAINERS EXPOSED TO FIRE WITH WATER SPRAY.
UNUSUAL FIRE AND EXPLOSION HAZARDS: IGNITION CAUSES DECOMPOSITION AND POSSIBLE FORMATION OF AMMONIA VAPORS AND NITROGEN OXIDES.

SECTION 5: HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: EYE AND SKIN CONTACT, INHALATION, INGESTION

EFFECT OF OVEREXPOSURE:

EYES: CONTACT MAY CAUSE IRRITATION.

SKIN: CONTACT MAY CAUSE IRRITATION.

INHALATION: MAY CAUSE IRRITATION TO THE UPPER RESPIRATORY TRACT.

INGESTION: CORROSIVE TO MOUTH AND GASTROINTESTINAL TRACT.

CHRONIC EFFECTS OF OVEREXPOSURE:
RESPIRATORY IRRITATION, SKIN SENSITIZATION

IMMEDIATELY DANGEROUS TO LIFE AND HEALTH (IDLH):
N / E

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:
RESPIRATORY PROBLEMS, ALLERGIES, ECZEMA

FIRST AID:

EYES: FLUSH WITH WATER FOR 15 MINUTES. GET MEDICAL ATTENTION.

SKIN: WASH CONTACT AREA WITH MILD SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION.

INHALATION: IF OVERCOME, REMOVE VICTIM TO FRESH AIR. IF BREATHING STOPS, BEGIN ARTIFICIAL RESPIRATION. GET MEDICAL ATTENTION IMMEDIATELY.

INGESTION: IF CONSCIOUS, DRINK LARGE VOLUME OF WATER TO DILUTE. DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.

SECTION 6: REACTIVITY DATA

STABILITY: STABLE

CONDITIONS TO AVOID:

EXCESSIVE HEAT OVER LONG PERIODS OF TIME WILL CAUSE
DEGRADATION

INCOMPATIBILITY:

MINERAL ACIDS, OXIDIZERS

HAZARDOUS DECOMPOSITION PRODUCTS:

CO AND / OR CO₂, NITROGEN OXIDES

HAZARDOUS POLYMERIZATION:

WILL NOT OCCUR

SECTION 7: SPILL AND LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

COLLECT FOR PROPER DISPOSAL. FLUSH AREA WITH WATER. KEEP OUT OF
WATER SUPPLY.

WASTE DISPOSAL METHODS:

DISPOSE IN ACCORDANCE WITH APPLICABLE LOCAL, STATE AND FEDERAL
ENVIRONMENTAL REGULATIONS.

SECTION 8: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:

NOT NEEDED UNDER NORMAL CONDITIONS.

VENTILATION:

LOCAL: ADEQUATE TO KEEP EXPOSURE BELOW TLV
MECHANICAL: ACCEPTABLE

PROTECTIVE GLOVES:

RUBBER OR PLASTIC GLOVES

EYE PROTECTION:

SAFETY GLASSES OR GOGGLES WITH SIDE SHIELDS

OTHER PROTECTIVE EQUIPMENT:

EYE WASH, SAFETY SHOWER, IMPERVIOUS CLOTHING, SAFETY SHOES,
PROTECTIVE SKIN CREAM

SECTION 9: SPECIAL PRECAUTIONS

STORE CLOSED IN A COOL, DRY AREA. AVOID BREATHING VAPORS. AVOID CONTACT
WITH EYES AND SKIN. REMOVE CONTAMINATED CLOTHING AND LAUNDER BEFORE
REUSE. DISCARD CONTAMINATED SHOES. DO NOT TAKE INTERNALLY. FOR
INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN.

SECTION 10: REGULATORY INFORMATION

TRANSPORTATION OF DANGEROUS GOODS:

NOT HAZARDOUS

The information provided in this Material Safety Data Sheet is accurate to the best of our knowledge at the time of its publication. The information is intended as a guide for safe handling and use and is not a warranty or quality specification.

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