

N/A = NOT APPLICABLE

N/E = NOT ESTABLISHED

## SECTION 1: GENERAL INFORMATION

ATLAS MINERALS &amp; CHEMICALS, INC.

1227 VALLEY ROAD, P. O. BOX 0038

MERTZTOWN, PA 19539-0038

PHONE: (610) 682-7171

24 HOUR EMERGENCY PHONE (CHEMTREC): 1-800-424-930

DATE OF DATA SHEET: 3/1/2010

PRODUCT NUMBER: Z530102

TRADE NAME: PLUMBER SEAL PUTTY RESIN, WHITE

CHEMICAL FAMILY: EPOXY RESIN

## SECTION 1A: REGULATORY AFFAIRS INFORMATION

1. THE INGREDIENTS IN THIS PRODUCT ARE LISTED IN THE TSCA INVENTORY AS REQUIRED BY US 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.

INGREDIENTS

CAS NUMBER

ZINC COMPOUNDS

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 - YES

6. INGREDIENTS LISTED IN PENNSYLVANIA ON THE HAZARDOUS SUBSTANCE LIST.

INGREDIENTS

CAS NUMBER

ZINC OXIDE

1314-13-2

LIMESTONE

1317-65-3

TITANIUM DIOXIDE

13463-67-7

IRON OXIDE

1309-37-1

SILICA

14808-60-7

## SECTION 2: INGREDIENTS

## INGREDIENTS:

CALCIUM CARBONATE (LIMESTONE) \*

CAS #: 1317-65-3 %: 60-75 TWA: 10 MG/M3 STEL:

BISPHENOL A EPOXY RESIN

CAS #: 25068-38-6 %: 15-25 TWA: N/E STEL: N/E

MULTIFUNCTIONAL ACRYLATE MONOMER (PRESENT IN BLACK &amp; WHITE PRODUCT ONLY)

CAS #: 15625-89-5 %: 1-5 TWA: N/E STEL: N/E

SILICON DIOXIDE, AMORPHOUS, CRYSTALLINE-FREE \*\*

CAS #: 112945-52-5    %: 1-5    TWA: 6 MG/M3    STEL:  
IRON OXIDE (PRESENT IN BROWN PRODUCT ONLY)  
CAS #: 1309-37-1    %: 1-3    TWA: 10 MG/M3    STEL:  
TITANIUM DIOXIDE (PRESENT IN BROWN, GRAY AND WHITE PRODUCTS ONLY)  
CAS #: 13463-67-7    %: 1-3    TWA: 10 MG/M3    STEL:  
ZINC OXIDE (PRESENT IN WHITE PRODUCT ONLY)  
CAS #: 1314-13-2    %: 1-2    TWA: 10 MG/M3    STEL:  
POLYSTYRENE RESIN  
CAS #: 9003-53-6    %: 1-2    TWA: N/E    STEL: N/E  
SILICA  
CAS #: 14808-60-7    %: < 0.2    TWA: 0.1 MG/M3    STEL:  
\* NATURALLY OCCURRING SUBSTANCE  
\*\* LISTED IN TSCA INVENTORY UNDER FORMER CAS #: 7631-86-9

## 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: > 300 DEG F  
VAPOR PRESSURE: VERY LOW  
VAPOR DENSITY: HEAVIER THAN AIR  
SPECIFIC GRAVITY: 1.8 TO 2.2  
PERCENT VOLATILE: NIL  
EVAPORATION RATE: N/A  
SOLUBILITY IN WATER: INSOLUBLE  
APPEARANCE AND ODOR: STIFF, COLORED PUTTY; CHARACTERISTIC MILD ODOR

## SECTION 4: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: > 450 DEG F  
EXTINGUISHING MEDIA: CO2, FOAM, DRY CHEMICAL  
SPECIAL FIRE FIGHTING PROCEDURE: FIRE FIGHTERS SHOULD WEAR SELF-  
CONTAINED BREATHING APPARATUS. USE WATER TO COOL SURROUNDING AREA.  
UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE KNOWN

## SECTION 5: HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: SKIN AND EYE CONTACT, INHALATION

## EFFECT OF OVEREXPOSURE:

EYES: CONTACT MAY CAUSE IRRITATION.

SKIN: CONTACT MAY CAUSE IRRITATION.

INHALATION: MAY CAUSE IRRITATION TO THE RESPIRATORY TRACT AND MUCOUS  
TISSUES.

CHRONIC EFFECTS OF OVEREXPOSURE: RESPIRATORY IRRITATION, SKIN  
SENSITIZATION

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

## FIRST AID:

EYES: FLUSH WITH CLEAN WATER FOR 15 MINUTES. IF IRRITATION PERSISTS  
GET MEDICAL ATTENTION.

SKIN: WASH CONTACT AREA WITH MILD SOAP AND WATER.

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, BASES, AMINES, MERCAPTANS, OXIDIZERS

HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO<sub>2</sub>, ALDEHYDES

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: PREFERABLE

PROTECTIVE GLOVES: PLASTIC OR RUBBER GLOVES

EYE PROTECTION: SAFETY GOGGLES

-----  
SECTION 9: SPECIAL PRECAUTIONS  
-----

STORE IN COOL DRY PLACE. DO NOT TAKE INTERNALLY. FOR INDUSTRIAL USE  
ONLY. KEEP OUT OF REACH OF CHILDREN.

N/A = NOT APPLICABLE

N/E = NOT ESTABLISHED

## SECTION 1: GENERAL INFORMATION

ATLAS MINERALS &amp; CHEMICALS, INC.

1227 VALLEY ROAD, P. O. BOX 0038

MERTZTOWN, PA 19539-0038

PHONE: (610) 682-7171

24 HOUR EMERGENCY PHONE (CHEMTREC): 1-800-424-930

DATE OF DATA SHEET: 3/1/2010

PRODUCT NUMBER: Z530101

TRADE NAME: PLUMBER SEAL 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 US 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.  
INGREDIENTS - NONE
3. INGREDIENTS PRESENT AT A LEVEL WHICH COULD REQUIRE REPORTING OF RELEASE UNDER CBRCLA.  
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.

INGREDIENTS	CAS NUMBER
LIMESTONE	1317-65-3
TALC	14807-96-6
SILICA	14808-60-7

## SECTION 2: INGREDIENTS

## INGREDIENTS:

## CALCIUM CARBONATE (LIMESTONE) \*

CAS #: 1317-65-3 %: 35-60 TWA: 10 MG/M3 STEL:

## MAGNESIUM CARBONATE

CAS #: 546-93-0 %: 1-20 TWA: 10 MG/M3 STEL:

## CALCIUM CARBONATE

CAS #: 471-34-1 %: 12-15 TWA: 10 MG/M3 STEL:

## AMIDOAMINE RESIN

CAS #: 68443-08-3 %: 12-15 TWA: N/E STEL: N/E

## MAGNESIUM SILICATE (TALC) \*

CAS #: 14807-96-6 %: 10-12 TWA: 10 MG/M3 STEL:

## 4-NONYLPHENOL, BRANCHED

CAS #: 84852-15-3    %: 3-5    TWA: N/E    STEL: N/E

## SILICA

CAS #: 14808-60-7    %: &lt; 3    TWA: 0.1 MG/M3    STEL:

\* NATURALLY OCCURRING SUBSTANCE

## 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: &gt; 450 DEG F

VAPOR PRESSURE: VERY LOW

VAPOR DENSITY: HEAVIER THAN AIR

SPECIFIC GRAVITY: 2.05 TO 2.10

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 DEG F (C.O.C.)

EXTINGUISHING MEDIA: CO2, FOAM, DRY CHEMICAL

SPECIAL FIRE FIGHTING PROCEDURES: FIRE FIGHTERS SHOULD WEAR SELF-  
CONTAINED BREATHING APPARATUS.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

## EFFECT OF OVEREXPOSURE:

EYES: CONTACT MAY CAUSE IRRITATION.

SKIN: CONTACT MAY CAUSE IRRITATION.

INHALATION: MAY CAUSE IRRITATION TO THE UPPER RESPIRATORY TRACT.

CHRONIC EFFECTS OF OVEREXPOSURE: RESPIRATORY IRRITATION, SKIN  
SENSITIZATIONMEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: RESPIRATORY PROBLEMS,  
ALLERGIES, ECZEMA

## FIRST AID:

EYES: FLUSH WITH CLEAN WATER FOR 15 MINUTES. IF IRRITATION PERSISTS  
GET MEDICAL ATTENTION.

SKIN: WASH CONTACT AREA WITH MILD SOAP AND WATER.

INGESTION: IF CONSCIOUS, DRINK LARGE AMOUNTS OF WATER TO DILUTE. DO

NOT INDUCE VOMITING. GET MEDICAL ATTENTION.

-----  
SECTION 6: REACTIVITY DATA  
-----

STABILITY: STABLE

INCOMPATABALITY: MINERAL ACIDS, OXIDIZERS

HAZARDOUS DECOMPOSITION PRODUCTS: CO AND/OR CO<sub>2</sub>, 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

PROTECTIVE GLOVES: PLASTIC OR RUBBER GLOVES

EYE PROTECTION: SAFETY GOGGLES

-----  
SECTION 9: SPECIAL PRECAUTIONS  
-----

STORE IN A COOL DRY PLACE. DO NOT TAKE INTERNALLY. FOR INDUSTRIAL USE  
ONLY. KEEP OUT OF REACH OF CHILDREN.