

# SAFETY DATA SHEET

## NATIVESTONE SHIELD- PART B

MSDS DATE: 03/15/2018

### SECTION 1: IDENTIFICATION

**PRODUCT NAME:** NATIVESTONE SHIELD- Part B

#### RECOMMENDED USE AND RESTRICTIONS ON USE

Guard/Sealer/Coating for commercial/industrial/consumer applications

#### COMPANY IDENTIFICATION

**Manufacturer:** A.T.G., Inc.  
1407 North Grand, Columbia, MO 65203

**Supplier / Distributor:**  
Native Trails  
34 Zaca Ln.  
San Luis Obispo, CA 93401  
800-786-0862

**EMERGENCY PHONE:** 1-800-424-9300 (CHEMTREC)

### SECTION 2: HAZARDS IDENTIFICATION

#### GHS HAZARD CLASSIFICATION:

Acute Toxicity (inhalation): Category 4  
Respiratory Sensitization Category 1  
Skin Sensitization Category 1  
Specific Target Organ Toxicity Category 3 (Respiratory system)  
Single Exposure:  
Specific Target Organ Toxicity Category 2 (Lungs)  
Repeated Exposure (inhalation)

#### SIGNAL WORD: DANGER

#### Hazard Statements:

May cause an allergic skin reaction  
Harmful if inhaled  
May cause allergy or asthma symptoms or breathing difficulties if inhaled  
May cause respiratory irritation  
May cause damage to organs (lungs) through prolonged or repeated exposure if inhaled

#### Precautionary Statements:

Do not breathe mist, gas, vapors or spray. Use in well-ventilated area. Wear protective gloves. In case of inadequate ventilation, wear respiratory protection. (See section 8).

**Response:** See section 4

#### OTHER CLASSIFICATIONS:

HMIS and NFPA HAZARD RATINGS: Health 3 Fire 1 Reactivity 1

### SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

<u>INGREDIENT:</u>	<u>% WT</u>	<u>CAS #</u>
Aliphatic Polyisocyanate Trimer	~ 98.1	Trade Secret
Organo Silane Active	1.8	Trade Secret
Hexamethylene Diisocyanate	~ 0.1	822-06-0

### SECTION 4: FIRST AID MEASURES

**ACUTE INHALATION:** Vapors or mist at concentrations above the exposure limits can irritate (burning sensation) the mucous membranes in the respiratory tract (nose, throat, lungs) with symptoms of runny nose, sore throat, coughing, chest discomfort, shortness of breath and reduced lung function (breathing difficulty). Persons with preexisting bronchial conditions may respond with asthma attack or asthma like symptoms to lower concentrations. Remove to fresh air and get medical attention if irritation of respiratory passage or distress occurs. Administer oxygen or artificial respiration as needed. Asthmatic symptoms may develop immediately or in up to several hours.

**SWALLOWING:** Do NOT induce vomiting. Wash out mouth with water. Do not give anything by mouth to an unconscious person. Get medical attention.

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**SKIN:** May cause irritation with symptoms of reddening, itching and swelling. Can cause sensitization. Immediately remove contaminated clothing and wash skin with soap and water for 5 or more minutes. Use lukewarm water if possible. Wash clothing before reuse. Discard contaminated leather articles. Get medical attention if irritation develops and persists.

**EYES:** Immediately flush eyes thoroughly with warm water and continue washing for at least 15 minutes. Use lukewarm water if possible. Then remove contact lenses if easily removeable and continue eye irrigation for not less than 15 minutes. Obtain medical attention, preferably from an ophthalmologist, if irritation develops.

**NOTES TO PHYSICIAN:** Eyes: Stain for evidence of corneal injury. If cornea is burned, instill antibiotic/steroid preparation as needed. Skin: Treat symptomatically as for contact dermatitis or thermal burn. Ingestion: Treat symptomatically. There is no specific antidote. Inducing vomiting is contraindicated because of the irritation nature of the compound. Inhalation: Treatment is essentially symptomatic.

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## SECTION 5: FIRE-FIGHTING MEASURES

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**FLASH POINT (test method(s)):** >185°C. >365°F (DIN EN 22719)

**FLAMMABLE LIMITS IN AIR, by volume:**

Lower: No data  
Upper: No data

**EXTINGUISHING MEDIA:**

Recommended: Use foam, carbon dioxide or dry chemical.

**SPECIAL FIRE FIGHTING PROCEDURES:**

Use positive pressure, NIOSH approved self-contained breathing apparatus and full protective clothing. Avoid contact with product. Decontaminate equipment and protective clothing prior to reuse. During a fire, isocyanate vapors and other irritating toxic gases may be generated by thermal decomposition or combustion.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:**

Will burn under fire conditions. Use cold water spray to cool fire-exposed containers to minimize risk of rupture. Emits toxic fumes under fire conditions.

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:**

Wear appropriate personal protective equipment. Ventilate and remove ignition sources. Dike spill with earth, sand or clay. Collect and contain contaminated absorbent and dike material from large spills into suitable container. Clean up spill area with a decontaminating solution made up of 50% isopropanol, 45% water and 5% concentrated ammonia solution (% by weight). The solution should cover the area for at least one hour. Absorb with inert absorbent. Do not flush to drain. Dispose of in accordance with appropriate federal, state and local regulations. Decontaminate the area using neutralization solution.

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## SECTION 7: HANDLING AND STORAGE

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**WARNING:**

Do not breathe the mist, gas, vapors or spray. Use in well-ventilated area. In case of inadequate ventilation, wear respiratory protection. Warning properties (irritation of eyes, nose and throat) are not adequate to prevent overexposure from inhalation. May be harmful if inhaled or swallowed. May cause eye and skin irritation. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Keep out of reach of children.

**FOR INDUSTRY USE ONLY**

**SUBSTANCES TO AVOID:**

Water, amines, strong bases, alcohols, copper alloys.

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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**TLV, WEEL AND SOURCES:**

Aliphatic Polyisocyanate Trimer	1mg/cu m TWA (RPI)
HDI	0.034 mg/cu m TWA (ACGIH) 0.005ppm TWA (ACGIH)

Any component which is listed in section 3 and is not listed in this section does not have a known ACGIH, TLV, OSHA PEL or supplier recommended occupational exposure limit.

**AFFECT OF SINGLE EXPOSURE**

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**INHALLATION:** May be harmful if inhaled.

**SKIN CONTACT:** Brief contact is not irritating.

**EYE CONTACT:** May be irritating to eyes.

**EFFECTS OF REPEATED OVEREXPOSURE:** Prolonged skin contact may cause irritation.

**OTHER EFFECTS OF OVEREXPOSURE:** None currently known.

**MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:**

Preexisting eye, skin and respiratory disorders.

**SIGNIFICANT LABORATORY DATA WITH POSSIBLE RELEVANCE TO HUMAN HEALTH HAZAR EVALUATION:**

None

## Personal Protection & PPE

**RESPIRATORY PROTECTION (specify type):**

Use NIOSH/OSHA approved for use against organic vapors if material is sprayed.

**VENTILLATION:**

Use local exhaust ventilation; high ventilation when spraying.

**PROTECTIVE GLOVES:**

Chemical resistant gloves for direct handling.

**EYE PROTECTION:**

Safety glasses.

**OTHER PROTECTIVE EQUIPMENT:**

Eye bath.

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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<b>BOILING POINT</b>	:	<b>decomposition (decomposition temp 181°C. 357°F)</b>
<b>SPECIFIC GRAVITY (H2O = 1)</b>	:	<b>~1.15</b>
<b>FREEZING POINT</b>	:	<b>No data available</b>
<b>VAPOR PRESSURE AT 20 C.</b>	:	<b>Not determined, low volatility</b>
<b>VAPOR DENSITY AT ONE ATM, 20° C (AIR=1)</b>	:	<b>No data available</b>
<b>EVAPORATION RATE AT 20°C (BUT. ACET. = 1)</b>	:	<b>&lt;1</b>
<b>SOLUBILITY IN WATER by wt</b>	:	<b>insoluble – reacts slowly</b>
<b>SELF IGNITION</b>	:	<b>Not applicable</b>
<b>APPEARANCE AND ODOR</b>	:	<b>mostly clear liquid, slight aromatic odor</b>
<b>pH</b>	:	<b>No data available</b>
<b>V.O.C. (g/l)</b>	:	<b>0</b>

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## SECTION 10: STABILITY AND REACTIVITY

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**HAZARDOUS REACTIONS:**

Contact with moisture, other materials that react with isocyanates, or temperatures above **350°F (177°C)**

**STABILITY:**

Stable under normal conditions of use and storage.

**CONDITIONS TO AVOID:**

Extreme heat. Open flame Moisture. Ignition sources.

**INCOMPATIBILITY (materials to avoid):**

Water, strong bases, alcohols, amines, copper alloys.

**HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS:**

**Under Fire Conditions:** Oxides of nitrogen, oxides of carbon, dense black smoke, hydrogen cyanide, isocyanate, isocyanic acid, other undetermined compounds.

**HAZARDOUS POLYMERIZATION:**

May occur. To inhibit hazardous polymerization, avoid conditions/chemicals above.

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## SECTION 11: TOXICOLOGICAL INFORMATION

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**TOXICITY DATA ON THE PRODUCT:** NOT AVAILABLE

**HEALTH EFFECTS OF SINGLE OVEREXPOSURE:**

**SWALLOWING:** Product may be harmful if swallowed

**SKIN ABSORPTION:** Irritant. May be harmful if absorbed through the skin. May cause allergic reaction.

**INHALATION:** May be harmful if inhaled. May cause shortness of breath, headache, nausea, vomiting, respiratory tract irritation.

**SKIN CONTACT:** Brief contact is not irritating.

**EYE CONTACT:** May be irritating to eyes.

**EFFECTS OF REPEATED OVEREXPOSURE:** Prolonged skin contact may cause irritation.

**OTHER EFFECTS OF OVEREXPOSURE:** None currently known.

**MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:** Preexisting eye, skin and respiratory disorders.

**SIGNIFICANT LABORATORY DATA WITH POSSIBLE RELEVANCE TO HUMAN HEALTH HAZARD EVALUATION:** None.

**SEE ALSO SECTION 4.**

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## SECTION 12: ECOLOGICAL INFORMATION

**ECOTOXICITY:** No Data Available for this product

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## SECTION 13: DISPOSAL CONSIDERATIONS

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**WASTE DISPOSAL METHOD:**

Do not flush to drain. Dispose of in accordance with appropriate federal, state and local regulations. This is not EPA hazardous waste.

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## SECTION 14: TRANSPORT INFORMATION

**US Department of Transportation:** NOT REGULATED

**IMDG (Sea Transport)** NOT REGULATED

**ICQO/IATA (Air Transport):** NOT REGULATED

**TSCA INVENTORY STATUS:** The ingredients of this product are listed on the TSCA inventory

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## SECTION 15: REGULATORY INFORMATION

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**STATUS ON SUBSTANCE LISTS:**

Concentrations shown are maximum or ceiling levels (weight %) to be used for calculations for regulations.

**FEDERAL EPA**

**CERCLA:** Hazardous Substances (40 CFR 302.4) components:

None.

**SARA 311 and 312 Hazard Categories:**

Acute Health hazard

**US EPA EPCRA SARA TITLE III SECTION 302 EXTREMELY HAZARDOUS SUBSTANCE (40 CFR 355, APPENDIX A):**

None

**US EPA EPCRA SARA TITLE III SECTION 313 TOXIC CHEMICALS (40 CFR 372.65) SUPPLIER NOTIFICATION REQUIRED**

**Components:**

None

**US EPA RCRA COMPOSITE LIST OF HAZARDOUS WATES AND APPENDIX VIII HAZARDOUS CONSTITUENTS (40 CFR 216)**

Under RCRA it is the responsibility of the person who generates a solid water, as defined in 40 CFR 261.2 to determine that waste is a hazardous waste.

**STATE RIGHT-TO-KNOW**

California Proposition 65: This product contains no levels of listed substances, which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute.

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## SECTION 16: OTHER INFORMATION

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The information contained in this Safety Data Sheet is offered in good faith as typical values and not as product specification(s); and is accurate and current to the best of Native Trails' knowledge. No warranty, expressed or implied, is made. Information is offered solely for recipient's consideration, investigation and verification and should be reviewed by recipient in the context of intended product use. Buyer/user/recipient assumes the risk in use of the Material; and it is the responsibility of said entity(ies) to determine the suitability and completeness of information; to ensure proper use, and safety/health; and to determine that use is in accordance with applicable federal, state and local laws and regulations.