

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.

SAFETY DATA SHEET

NATIVESTONE SHIELD- PART B

MSDS DATE: 03/15/2018

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.

SECTION 5: FIRE-FIGHTING MEASURES

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.

SECTION 6: ACCIDENTAL RELEASE MEASURES

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.

SECTION 7: HANDLING AND STORAGE

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.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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

SAFETY DATA SHEET

NATIVESTONE SHIELD- PART B

MSDS DATE: 03/15/2018

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.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

SECTION 10: STABILITY AND REACTIVITY

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.

SAFETY DATA SHEET

NATIVESTONE SHIELD- PART B

MSDS DATE: 03/15/2018

SECTION 11: TOXICOLOGICAL INFORMATION

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.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY: No Data Available for this product

SECTION 13: DISPOSAL CONSIDERATIONS

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.

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

SECTION 15: REGULATORY INFORMATION

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.

SECTION 16: OTHER INFORMATION

SAFETY DATA SHEET
NATIVESTONE SHIELD- PART B

MSDS DATE: 03/15/2018

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.