

SAFETY DATA SHEET



SECTION 1: IDENTIFICATION

COMPANY NAME:	AMERICAN INDUSTRIES, INC.	PRODUCT NAME:	ASX2
ADDRESS LINE 1:	4300 Kahn Drive, Box 1405	PRODUCT CODE:	1688
ADDRESS LINE 2:	Lumberton, NC 28359-1405 USA	PRODUCT USE:	Food Grade H1 Anti-Seize and Thread Sealant
TELEPHONE NUMBERS:	800-753-5153 (or) 910-738-7224	SDS FILE ID:	1688.02
EMERGENCY PHONE:	CHEMTREC 1-800-424-9300	SDS DATE:	2025-07-23
		REPLACES VERSION DATED:	2015-01-02 <i>and all prior versions</i>

SECTION 2: HAZARDS IDENTIFICATION

OSHA/HCS status	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
GHS Classification:	Not Classified
Label elements:	
Signal word	No signal word
Hazard statements	No known significant effects or critical hazards.
Precautionary statements:	
Prevention	Not applicable
Response	Not applicable
Storage	Not applicable
Disposal	Not applicable
Hazards not otherwise classified	None Known

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substance	Mixture
Other Means of Identification	Not available
CAS Number	Not applicable
Product Code	1688

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

SECTION 4: FIRST AID MEASURES

Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
Skin contact	Flush contaminated skin with plenty of water. Get medical attention if symptoms occur.
Eye contact	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
Ingestion	Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
Potential acute health effects	
Eye contact	No known significant effects or critical hazards
Inhalation	No known significant effects or critical hazards
Skin Contact	No known significant effects or critical hazards
Ingestion	No known significant effects or critical hazards

Over-exposure signs/symptoms	
Eye Contact	No known significant effects or critical hazards
Inhalation	No known significant effects or critical hazards
Skin Contact	No known significant effects or critical hazards
Ingestion	No known significant effects or critical hazards
Indication of immediate medical attention and special treatment needed, if necessary	
Notes to physician	Treat symptomatically
Specific treatments	No specific treatment
Protection of first-aiders	No special protection is required

See toxicological information (Section 11)

SECTION 5: FIRE-FIGHTING MEASURES

Suitable extinguishing media	Use dry chemical, carbon dioxide, water spray (fog) or foam
Unsuitable extinguishing media	None known
Specific hazards arising from the chemical	No specific fire or explosion hazard.
Hazardous thermal decomposition products	Decomposition products may include the following materials: carbon dioxide, carbon monoxide, halogenated compounds, metal oxide/oxides
Special protective actions for fire-fighters	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Special protective equipment for fire-fighters	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	
For non-emergency personnel	Put on appropriate personal protective equipment.
For emergency responders	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
Environmental precautions	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
Methods and materials for containment and cleaning up	
Small spill	Move containers from spill area. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor
Large spill	Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling	
Protective measures	Put on appropriate personal protective equipment (see Section 8).
Advice on general occupational hygiene	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. See also Section 8 for additional information on hygiene measures.
Conditions for safe storage, including any incompatibilities	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limits	None
Appropriate engineering controls	Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
Environmental exposure controls	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation
Hygiene measures	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Ensure that eyewash stations and safety showers are close to the workstation location.
Eye/face protection	Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts.
Hand protection	Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary
Body protection	Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Other skin protection	Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Respiratory protection	Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	
Physical state	Semi-solid
Color	Off-white
Odor	Mild
Odor Threshold	Not available
pH	Not available
Melting point	Not available
Boiling point	Not available
Flash point	Open cup: 204.44°C (400°F) [Cleveland]
Evaporation rate	Not available
Flammability (solid, gas)	Not available
Lower and upper explosive (flammable) limits	Not available
Vapor pressure	Not available
Vapor density	Not available
Relative density	1.18 g/ml
Solubility	Insoluble in water
Partition coefficient: n-octanol/water	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	Not available
Flow time (ISO 2431)	Not available

SECTION 10: STABILITY AND REACTIVITY

Reactivity	No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	The product is stable
Possibility of hazardous reactions	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	Do not heat above flash point.

Incompatible materials	Reactive or incompatible with the following materials: oxidizing materials and acids.
Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity	There is no data available	
Irritation/Corrosion	There is no data available	
Sensitization	There is no data available	
Mutagenicity	There is no data available	
Carcinogenicity	There is no data available	
Reproductive toxicity	There is no data available	
Teratogenicity	There is no data available	
Specific target organ toxicity (single exposure)	There is no data available	
Specific target organ toxicity (repeated exposure)	There is no data available	
Aspiration hazard	There is no data available	
Information on the likely routes of exposure	Dermal contact. Eye contact. Inhalation. Ingestion.	
Potential acute health effects	Eye contact	No known significant effects or critical hazards
	Inhalation	No known significant effects or critical hazards
	Skin contact	No known significant effects or critical hazards
	Ingestion	No known significant effects or critical hazards
Symptoms related to the physical, chemical and toxicological characteristics	Eye contact	No known significant effects or critical hazards
	Inhalation	No known significant effects or critical hazards
	Skin contact	No known significant effects or critical hazards
	Ingestion	No known significant effects or critical hazards
Delayed and immediate effects and also chronic effects from short and long term exposure	Short term exposure potential immediate effects	No known significant effects or critical hazards
	Short term exposure potential delayed effects	No known significant effects or critical hazards
	Long term exposure potential immediate effects	No known significant effects or critical hazards
	Long term exposure potential delayed effects	No known significant effects or critical hazards
Potential chronic health effects	General	No known significant effects or critical hazards
	Carcinogenicity	No known significant effects or critical hazards
	Mutagenicity	No known significant effects or critical hazards
	Teratogenicity	No known significant effects or critical hazards
	Developmental effects	No known significant effects or critical hazards
	Fertility effect	No known significant effects or critical hazards
Numerical measures of toxicity-Acute toxicity estimates	<u>Route</u>	<u>ATE value</u>
	Oral	161244.7 mg/kg

SECTION 12: ECOLOGICAL INFORMATION

Toxicity	There is no data available
Persistence and degradability	There is no data available
Bioaccumulative potential	There is no data available

Mobility in soil-Soil/water partition coefficient (Koc)	Not available
Other adverse effects	No known significant effects or critical hazards.


SECTION 13: DISPOSAL CONSIDERATIONS

Disposal methods	The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
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SECTION 14: TRANSPORT INFORMATION

DOT	Not regulated.
Environmental hazards	No
Special precautions for user	Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage

SECTION 15: REGULATORY INFORMATION

US Federal regulations	TSCA 8(a) CDR Exempt/Partial exemption: Not determined United States inventory (TSCA 8b): All components are listed or exempted. TSCA 12(b) one-time expprt: Ethene, 1,1,2,2-Tetrafluoro-, Homopolymer TSCA 12(b) annual export notification: None of the components are listed.	
Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs)	Not listed	
Clean Air Act Section 602 Class I Substances	Not listed	
Clean Air Act Section 602 Class II Substances	No listed	
DEA List I Chemicals (Precursor Chemicals)	Not listed	
DEA :List II Chemicals (Essential Chemicals)	Not listed	
Sara 302/204 Composition/information on ingredients	No products were found	
SARA 304 RQ	Not applicable	
SARA 311/312 Classification	Not applicable	
Composition/Information on ingredients	No products were found	
SARA 313	There is no data available.	
State Regulations	Massachusetts	The following components are listed: Hydrous magnesium silicate; Titanium dioxide
	New York	None of the components are listed
	New Jersey	The following components are listed: Hydrous magnesium silicate; Titanium dioxide
	Pennsylvania	The following components are listed: Hydrous magnesium silicate; Ethene, 1,1,2,2-Tetrafluoro-, Homopolymer; Titanium dioxide
California Prop 65	 WARNING: This product can expose you to Titanium dioxide, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov .	

SECTION 16: OTHER INFORMATION

Hazardous Materials Identification System (HMIS)

HMIS-RATING:	
HEALTH	1
FLAMMABILITY	1
PHYSICAL HAZARD	1

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.

National Fire Protection Association (U.S.A.)



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Copyright ©2001, National Fire Protection Association, Quincy, MA 02269. This warning system is intended to be interpreted and applied only by properly trained individuals to identify fire, health and reactivity hazards of chemicals. The user is referred to certain limited number of chemicals with recommended classifications in NFPA 49 and NFPA 325, which would be used as a guideline only. Whether the chemicals are classified by NFPA or not, anyone using the 704 systems to classify chemicals does so at their own risk.

Important Note: *To be the best of our knowledge, the information contained herein is accurate. However there is no assumption of liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. Since the conditions of handling, storage and disposal of this product are beyond the control of the manufacturer/supplier, the manufacturer/supplier will not be responsible for loss, injury, or expense arising out of the products improper use. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product which may not be covered by this SDS. The user is responsible for full compliance.*

End of SDS