

SAFETY DATA SHEET



SECTION 1: IDENTIFICATION

COMPANY NAME:	AMERICAN INDUSTRIES, INC.	PRODUCT NAME:	SMOOZE
ADDRESS LINE 1:	4300 Kahn Drive, Box 1405	PRODUCT CODE:	1651
ADDRESS LINE 2:	Lumberton, NC 28359-1405 USA	PRODUCT USE:	Anti-Seize Compound
TELEPHONE NUMBERS:	800-753-5153 (or) 910-738-7224	SDS FILE ID:	1651.05
EMERGENCY PHONE:	CHEMTREC 1-800-424-9300	SDS DATE:	May 26, 2016
		REPLACES VERSION DATED:	2015-06-01 and all prior versions

SECTION 2: HAZARDS IDENTIFICATION

GHS Classification Not hazardous in accordance with OSHA Haz. Com. Standard 29 CFR 1910.1200.
Label elements



Signal word Warning

Hazard statement: Gases under pressure.
Pressurized container. Do not pierce or burn even after use.

Precautionary statement:
Prevention: Keep out of reach of children.
Pressurized container. Do not pierce or burn, even after use.
Wash with soap and water thoroughly after handling.

Response: IF ON SKIN: Wash with soap and water.
IF SWALLOWED: Rinse mouth,. Do NOT induce vomiting.
IF IN EYES: Remove contact lenses, if present and easy to do. Continue rinsing.

Storage: Store at temperature not exceeding 122°F (50°C).

Disposal: Dispose of in accordance with local, state, and federal regulations.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical name</u>	<u>CAS number</u>	<u>%</u>
Synthetic Base Oil	NJTSRN#1210-01	50-70
Distillates (petroleum), hydrotreated heavy naphthenic	64742-52-5	15-30
Graphite	7782-42-5	10-20
Aluminum	7429-90-5	10-20
Rust Inhibitor	Trade Secret	1-3

The specific identity and/or exact percentage of composition has been withheld as a trade secret. The propellant in this product does not discharge when the product is used.

SECTION 4: FIRST AID MEASURES

Eye	Flush eyes with water, holding the eyelids apart. Get medical attention if irritation develops or persists.
Inhalation	Remove to fresh air and keep comfortable for breathing. If irritation occurs, get medical attention.
Skin contact	Wash thoroughly with plenty of water. Get medical attention if irritation persists.
Ingestion	If large amounts ingested, seek medical attention.
Most important symptoms and effects, both acute and delayed	None known.
Indication of any immediate medical attention and special treatment needed	Immediate medical attention generally not required.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable extinguishing media	Use water spray or fog, foam, Carbon dioxide (CO ₂), or dry chemical.
Specific hazards	This compound will not burn unless it is pre-heated. Water fog may be used to cool the containers but do not spray directly into large containers of burning liquids as frothing may occur. Dense smoke and noxious or toxic fumes may be generated in a fire. The thermal decomposition products are highly dependent upon the combustion conditions. Noxious or toxic fumes may be generated, some of which may be toxic or irritating.
Special protective equipment for firefighters	Wear NIOSH approved positive pressure, self-contained breathing apparatus and full protective clothing. Cool fire exposed containers with water.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, emergency procedures	Wear appropriate personal protective equipment. Use caution: slip hazard.
Environmental precautions	Report spills and releases as required to appropriate authorities.
Methods and materials for containment and cleaning up	Because of its viscous nature, this product is not expected to leak or spill. Collect liquid spill with an inert absorbent material and place in a suitable closed container for disposal. Clean area thoroughly with mineral spirits.

SECTION 7: HANDLING AND STORAGE

Advice on safe handling	Avoid contact with eyes. Avoid prolonged skin contact. Do not transfer to unlabeled containers. Do not puncture or incinerate empty containers.
Conditions for safe storage	Store away from extreme heat and open flames. Store away from oxidizers.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

<u>Chemical Name</u>	<u>Exposure Limits</u>
Synthetic Base Oil	5mg/m ³ TWA ACGIH TLV (inhalable) 5 mg/m ³ TWA OSHA PEL
Distillates (petroleum), hydrotreated heavy naphthenic	5 mg/m ³ TWA ACGIH TLV (inhalable) 5 mg/m ³ TWA OSHA PEL
Graphite	2 mg/m ³ TWA ACGIH TLV (respirable) 15 mg/m ³ TWA OSHA PEL (total dust) 5 mg/m ³ TWA OSHA PEL (respirable fraction)
Aluminum	1 mg/m ³ TWA ACGIH TLV (respirable) 15 mg/3 TWA OSHA PEL (total dust) 5 mg/m ³ TWA OSHA PEL (respirable fraction)
Rust inhibitor	None Established.
Appropriate Engineering Controls	Use with adequate general or local exhaust ventilation to maintain exposure levels below the exposure limits. If the product is used at high temperatures, local exhaust ventilation may be required.
Individual Protection Measures:	
Respiratory protection	In operations where the occupational exposure limits are exceeded, a NIOSH approved respirator with organic vapor/particulate cartridges or supplied air respirator appropriate for the form and concentration of the contaminants should be used. Selection and use of respiratory equipment must be in accordance with OSHA 1910.134 and good industrial hygiene practice.
Eye protection	Safety goggles or goggles recommended where needed to avoid eye contact.
Skin protection	Impervious gloves such as rubber or nitrile recommended where needed to avoid prolonged skin contact.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Aluminum colored paste
Odor	Slight odor
Odor threshold	Not established
pH	Not available

Melting point/freezing point	Not available
Boiling point	>500°F (>260°C)
Flash point	> 350°F (>177°C)
Evaporation rate	Not available
Upper/Lower explosion limits	Not established
Vapor pressure	Not established
Vapor density (air=1)	Not available
Specific gravity	1.05
Solubility in water	Not soluble
Partition coefficient:	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	Not available
Explosion properties	None
Oxidizing properties	Not oxidizing
Aerosol fire protection level	Not applicable
Flammability (solid, gas)	Not available

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Not reactive under normal conditions of use.
Chemical stability	Stable under normal storage and handling conditions
Possibility of hazardous reactions	None known
Conditions to avoid	Use with strong oxidizing chemicals such as concentrated acids.
Incompatible materials	Avoid strong oxidizing agents and acids.
Hazardous decomposition products	The thermal decomposition products are highly dependent upon the combustion conditions. Noxious or toxic fumes may be generated, some of which may be toxic or irritating.

SECTION 11: TOXICOLOGICAL INFORMATION

Potential health effects:

Eye	May cause mild irritation.
Skin	Prolonged contact may cause irritation and drying of the skin.
Inhalation	No adverse effects expected at ambient temperatures. Inhalation of vapors and fumes from thermal decomposition may cause respiratory irritation and metal fume fever with symptoms of fever and chills.
Ingestion	Swallowing may cause gastrointestinal irritation, nausea, vomiting, diarrhea.
Chronic Hazards	Prolonged inhalation of thermal decomposition products may result in lung damage.
Carcinogen Status	None of the components of this product are listed as carcinogens by IARC, NTP, or OSHA.
Acute Toxicity Values	

Components

	<u>Oral</u>	<u>Inhalation</u>	<u>Dermal</u>
Graphite	LD50 rat>2000 mg/kg	LC50 rat>2mg/L	
Distillates (petroleum), hydrotreated heavy naphthenic	LD50 rat: > 5,000 mg/kg	LC50 rat: 2.18 mg/L	LD50 rabbit: > 2,000 mg/kg
Aluminum	LD50 rat: > 15,900 mg/kg	LC50 rat: > 0.888 mg/L	

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity	Graphite: Danio rerio LC50 > 100 mg/L/96hr Aluminum: Lepomis cyanellus NOEC > 50mg/L/96hr Distillates (petroleum), hydrotreated heavy naphthenic: Pimephales promelas LL50> 100 mg/L/96hr.
Persistence and degradability	No data available.
Bioaccumulative potential	No data available.
Soil mobility	No data available.
Other adverse effects	None known.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose in accordance with all local, regional and national regulations.

SECTION 14: TRANSPORT INFORMATION

Proper Shipping Name	Aerosols
DOT Hazard Class	2.2
UN Number	UN 1950
Packing Group	None

SECTION 15: REGULATORY INFORMATION

CERCLA Hazardous Substances (Section 103)/RQ: This product is not subject to reporting requirements under CERCLA. However, many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

SARA 311/312 Hazards: Not hazardous

SARA 313: This product contains the following chemicals regulated under SARA Title III, section 313:

Aluminum, 10-20%

EPA TSCA Inventory: All of the components of this product are listed on the TSCA inventory.

California Proposition 65: This product is not known to contain listed chemicals.

SECTION 16: OTHER INFORMATION

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