

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

COMPANY NAME:	AMERICAN INDUSTRIES, INC.	PRODUCT NAME:	T ³
ADDRESS LINE 1:	4300 Kahn Drive, Box 1405	PRODUCT CODE:	1658
ADDRESS LINE 2:	Lumberton, NC 28359-1405 USA	PRODUCT USE:	Hi-tech Penetrant & Lubricant
TELEPHONE NUMBERS:	800-753-5153 (or) 910-738-7224	SDS FILE ID:	1658.04
EMERGENCY PHONE:	CHEMTREC 1-800-424-9300	SDS DATE:	2017-05-17
		REPLACES VERSION DATED:	2015-05-20 and all prior versions

SECTION 2: HAZARDS IDENTIFICATION

Classification:	Flammable Aerosol: Category 2	Liquefied Gas
	Eye Irritant: Category 2A	
	Specific Target Organ Toxicity (Single Exposure): Category 3	

Label elements



Signal word	Warning
Hazard statement:	Flammable Aerosol. Contains gas under pressure; May explode if heated. Causes serious eye irritation. May cause respiratory irritation.
Precautionary statement	This product contains the following percentage of chemicals of unknown toxicity: 0% Keep away from heat, sparks, open flames, and hot surfaces. No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 122°F (50°C). Store in a well-ventilated place. Wash hands thoroughly after handling. Wear protective gloves and eye protection. If on skin: Wash with plenty of water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash before reuse. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. Avoid breathing fumes, mist, vapors, and spray. Use only outdoors or in a well-ventilated area. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell. Store locked up. Dispose of contents and container in accordance with local, state, and national regulations.
Hazard(s) not otherwise classified (HNOC)	N/A

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical name</u>	<u>CAS number</u>	<u>%</u>
1,1-Difluoroethane	75-37-6	60-100
Methyl Isobutyl Ketone	108-10-1	3-7
Tall Oil Fatty Acids	61790-12-3	1-5

SECTION 4: FIRST AID MEASURES

Inhalation	Move to fresh air. If breathing is difficult, administer oxygen. If not breathing administer artificial respiration or at any sign of loss of consciousness seek immediate medical attention.
Skin contact	Immediately wash with soap and water for 15 minutes. Remove contaminated clothing and shoes immediately. Seek medical attention if irritation develops.
Eye contact	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.
Ingestion	Do not induce vomiting unless directed by medical authority. Seek immediate medical attention.
Acute health hazards	Anesthetic effects, Central nervous system depression, narcosis.
Chronic health hazards	None known

Note to physician Because of possible disturbances of cardiac rhythm, catecholamine drugs, such as epinephrine, that may be used in situations of emergency life support should be used with special caution.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable extinguishing media	Dry chemical.
Unsuitable extinguishing media	Water spray/stream.
Special firefighting procedures	Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires.
Unusual fire and explosion hazards	Keep away from sparks, open flames, and hot surfaces. No smoking. Do not spray on an open flame or other ignition source.
Hazardous combustion products	Oxides of carbon.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal protective equipment	Refer to section VIII for proper Personal Protective Equipment.
Spill	Clean up with rag or use some non-combustible material like vermiculite, sand or earth.
Waste disposal	Dispose of in accordance with federal, state, and local regulations. Containers may be hazardous when empty.
RCRA Status	Waste likely considered hazardous waste U161 (Methyl Isobutyl Ketone), under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling	Protect from sunlight. Store in a well ventilated place. Do not expose to temperatures exceeding 50°C/122°F. Pressurized container: Do not pierce or burn, even after use. Store locked up.
Other precautions	Flammable vapors may collect in low lying areas.
Incompatibility	Strong oxidizers.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

<u>Hazardous Component</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
1,1-Difluoroethane	N/A	N/A
Methyl Isobutyl Ketone	100 ppm	200 ppm
Tall Oil Fatty Acids	15 mg/m ³	10mg/m ³
Appropriate engineering controls	Material is heavier than air. Material may concentrate in low lying areas. Normal, forced ventilation required to meet TLV requirements. Local exhaust ventilation is generally preferred.	
Respiratory protection	Wear NIOSH/MSHA approved organic vapor respiratory protection if exposure limits are exceeded.	
Personal protective equipment	Safety glasses.	
Additional Measures	Wash hands thoroughly with soap and water after use. Use good industrial hygiene practices.	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear, colorless aerosol.
Odor	Solvent odor.
Odor threshold	.68ppm
Boiling point	<-20°F (-29°C)
Freezing Point	N/D
Flammability	Extremely Flammable Aerosol
Flash point	>60°F (16°C)
Auto-ignition temperature	N/D
Upper/lower flammability limits	Lower: N/D Upper: N/D

Vapor Pressure (mmHg)	N/D
Vapor density (Air = 1)	>2
Evaporation Rate	>1.6
Specific Gravity (H2O=1)	0.92
pH	N/A
Solids (%)	N/D
Solubility in Water	<1%
Partition Coefficient:n-Octanol/water (K _{ow})	N/D
Volatility including water (%)	97%
VOC	4.7%
Dielectric Strength (Volts)	N/D
Decomposition Temperature	N/D
Viscosity	N/D

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Strong oxidizers.
Chemical stability	Stable.
Conditions to avoid	Temperatures greater than 122°F (50°C) may cause bursting..
Incompatibility	Strong oxidizers.
Hazardous decomposition products	Oxides of carbon.
Possible hazardous reactions	None known.

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicological information	Not established.
Routes of Entry	Eyes, Ingestion, Inhalation, Skin.
Ingestion	Causes gastrointestinal irritation, nausea, vomiting, abdominal cramps.
Inhalation	Causes dizziness, anaesthetic effects, central nervous system depression, and narcosis.
Skin contact	Brief contact is not irritating. May cause irritation, localized defatting, redness, itching with prolonged or repeated contact. Can be absorbed through the skin with prolonged and widespread contact
Eye contact	Causes irritation, redness, tearing.
Medical condition aggravated	None known.
Acute health hazards	Anesthetic effects, central nervous system depression, narcosis.
Chronic health hazards	None known.
Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

SECTION 12: ECOLOGICAL INFORMATION

Ecological information	Not established.
Biodegradability	Component or components of this product are not biodegradable.
Bioaccumulation	This product is not expected to bioaccumulate.
Mobility in soil	This product is mobile in soil.
Other ecological hazards	None known.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste disposal	Dispose of in accordance with federal, state, and local regulations. Containers may be hazardous when empty.
RCRA Status	Waste likely considered hazardous waste U161 (Methyl Isobutyl Ketone), under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION 14: TRANSPORT INFORMATION

DOT

UN number	Aerosols, Ltd. Qty
UN proper shipping name	1950
Transport hazard class(es)	2.1
Packing group	N/A

This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity. Until 12/31/2020, the "Consumer Commodity - ORM-D" marking may still be used in place of the new limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/31/20 and may be used now in place of the "Consumer Commodity ORM-D" marking and both may be displayed concurrently.

SECTION 15: REGULATORY INFORMATION

TSCA Status: All chemicals are listed or exempt.

CERCLA (Comprehensive response compensation, and liability act): Fire hazard.

SARA 311/312 Hazardous categories: Fire hazard.

SARA 313 reportable ingredients: Methyl Isobutyl Ketone 108-10-1

US state regulations: California Proposition 65: This product contains a chemical known to the state of California to cause birth defects or other reproductive harm and cancer.

International inventories: All components are listed or exempt.

SECTION 16: OTHER INFORMATION

Hazardous Materials Identification System (HMIS)

HMIS-RATING:	
HEALTH	1
FLAMMABILITY	3
PHYSICAL HAZARD	1

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