

# SAFETY DATA SHEET

## SECTION 1: IDENTIFICATION

<b>COMPANY NAME:</b>	AMERICAN INDUSTRIES, INC.	<b>PRODUCT NAME:</b>	PROBE
<b>ADDRESS LINE 1:</b>	4300 Kahn Drive, Box 1405	<b>PRODUCT CODE:</b>	1612
<b>ADDRESS LINE 2:</b>	Lumberton, NC 28359-1405 USA	<b>PRODUCT USE:</b>	Super Penetrant
<b>TELEPHONE NUMBERS:</b>	800-753-5153 (or) 910-738-7224	<b>SDS FILE ID:</b>	1612.12
<b>EMERGENCY PHONE:</b>	<b>CHEMTREC 1-800-424-9300</b>	<b>SDS DATE:</b>	2018-03-29
		<b>REPLACES VERSION DATED:</b>	2015-04-06-and all prior versions

## SECTION 2: HAZARDS IDENTIFICATION

GHS Classification	Dissolved Gas Skin Irritant: Category 2 Eye Irritant: Category 2A Specific Target Organ Toxicity (Single Exposure): Category 3 Carcinogenicity: Category 1B Aspiration Hazard: Category 1
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### Label elements



Signal word	DANGER
Hazard statements	Contains gas under pressure; may explode if heated. Causes skin and serious eye irritation. May cause respiratory irritation, drowsiness or dizziness. May cause cancer. May be fatal if swallowed and enters airways. This product contains the flowing percentage of chemicals of unknown toxicity: 0%
Precautionary statements:	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/protective clothing/eye protection. If on skin: Wash with plenty of water. If skin irritation occurs: Get medical attention. If swallowed: Immediately call a poison center or doctor. Do NOT induce vomiting. Dispose of contents and container in accordance with local, state and national regulations. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. IF exposed or concerned: Get medical advice/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.

Hazards not otherwise classified: N/A

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical name</u>	<u>CAS number</u>	<u>%</u>
Tetrachloroethylene	127-18-4	60-85
Petroleum distillates	64741-44-2	5-10
Carbon dioxide	124-38-9	1-5

## SECTION 4: FIRST AID MEASURES

Inhalation	Move to fresh air. If breathing is difficult, administer oxygen. Seek immediate medical attention.
Skin contact	Immediately wash with water and soap for 15 minutes. Remove contaminated clothing and shoes immediately. Seek medical attention if irritation persists.
Eye contact	Remove contact lenses if worn. Flush with water for at least 15 minutes. If irritation persist, consult a doctor.

Ingestion	Rinse out mouth with water. Do not induce vomiting unless directed by medical authority. Seek medical attention.
Acute health hazards	Eyes: redness, tearing blurred vision. Skin: defatting and dermatitis. Inhalation: Anesthetic, irritation, central nervous system depression. Oral: abdominal irritation, nausea, vomiting, and diarrhea. Aspiration risk.
Chronic health hazards	Possible cancer-causing agent and overexposure may also include damage to skin, kidneys, liver, lungs, blood, or central nervous systems. May cause dizziness, headache, nausea, mental confusion, or visual disturbances.
Note to physician	Do not administer adrenaline or epinephrine to a victim of chlorinated solvent poisoning. This product contains ingredients that may be anticipated to be a carcinogen.

#### SECTION 5: FIRE-FIGHTING MEASURES

Suitable extinguishing media	Dry chemical, foam, or Carbon Dioxide (CO <sub>2</sub> ).
Unsuitable extinguishing media	Water spray/stream.
Special fire-fighting 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. Use water spray only to cool exposed containers.
Unusual fire and explosion hazards	Contents under pressure. Exposure to temperatures above 120°F may cause bursting.
Hazardous combustion products	Oxides of carbon, chlorine, hydrogen chloride and phosgene.

#### SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal protective equipment	Refer to Section 8 for information on personal protection equipment.
Spill	Use absorbent on spill, sweep to clean. Dispose in accordance with local, state and federal laws. Small releases may be wiped up with wiping material.
Waste disposal	Dispose of in accordance with federal, state and local regulations. Do not dump in sewers. Wrap container and place in trash collection, do not puncture, incinerate, or reuse container.
RCRA status	Waste solvent likely considered U210 (Tetrachloroethylene) under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

#### SECTION 7: HANDLING AND STORAGE

Precautions for safe handling	Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Store in a well ventilated place. Do not expose to temperatures exceeding 122°F/50°C.
Other precautions	Keep out of the reach of children.
Incompatibility	Strong acids, strong alkalis, strong oxidizing agents, chemically active metals, such as aluminum, barium, lithium, sodium, magnesium, potassium, titanium, beryllium, concentrated nitric acid, some plastics, rubbers, and coatings.

#### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

<u>Component</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Tetrachloroethylene	100 ppm	25 ppm
Carbon dioxide	5000 ppm	5000 ppm
Petroleum Distillates	5 mg/m <sup>3</sup>	200 mg/m <sup>3</sup>
Engineering controls/ventilation	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 used in confined, poorly ventilated areas.	
Personal protective equipment	Safety glasses, gloves, and synthetic apron.	

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	
Color	Clear yellow
Form	Aerosol
Odor	Chlorinated solvent odor
Boiling point	>188°F (87°C)
Flammability	Not considered a flammable aerosol or an extremely flammable aerosol by OSHA (29 CFR 1910.1200)
Flash point	N/D
Auto-igniting	N/D
pH	N/A
Solubility in water	0%
Vapor density	N/D
Vapor pressure	N/D
Specific gravity (H2O)=1	1.40 – 1.55 @ 77°F (25°C)
Viscosity	N/D
Volatile Organic Compounds (VOC)	0%

**SECTION 10: STABILITY AND REACTIVITY**

Reactivity	Chemically active metals and bases.
Chemical stability	Stable
Conditions to avoid	Temperatures greater than 122°F (50°C) may cause bursting.
Hazardous decomposition products	Oxides of carbon, chlorine, hydrogen chloride and phosgene.
Incompatible materials	Strong acids, strong alkalis, strong oxidizing agents, chemically active metals, such as aluminum, barium, lithium, sodium, magnesium, potassium, titanium, beryllium, concentrated nitric acid some plastics, rubbers, and coatings.
Possible hazardous reactions	None known.

**SECTION 11: TOXICOLOGICAL INFORMATION**

Toxicological effects	<u>Tetrachloroethylene</u> (127-18-4) LD <sub>50</sub> (Oral, Rat) 2629 mg/kg; LC <sub>50</sub> (Inhalation, Mouse, 6hr) 4100 ppm <u>Petroleum distillates</u> (64741-44-2) LD <sub>50</sub> (Oral, Rat) 5000 mg/kg; LD <sub>50</sub> (Dermal, Rabbit) 2000 mg/kg
Information on likely routes of exposure:	
Ingestion	Causes gastrointestinal irritation, headaches, nausea, diarrhea, vomiting, abdominal cramps.
Inhalation	Irritation to respiratory tract, dizziness, headache, nausea, depression of central nervous system, prolonged exposure may cause unconsciousness, heart effects, liver effects, kidney effects, and death.
Skin contact	Irritation likely, redness and pain. May cause localized defatting, blistering with prolonged skin contact. May be absorbed through the skin.
Eye contact	Causes severe irritation, redness, tearing, pain, visual disturbance, may cause eye damage.
Medical condition aggravated	Excessive exposure will aggravate pre-existing disorders of eyes, skin, respiratory, liver, kidney, cardiovascular system, pulmonary illnesses, or central nervous system.
Acute health hazards	Eyes: redness, tearing, blurred vision. Skin: defatting and dermatitis. Inhalation: Anesthetic, irritation, Central Nervous System depression. Oral: abdominal irritation, nausea, vomiting and diarrhea. Aspiration risk.
Chronic health hazards	Possible cancer causing agent and overexposure may also include damage to skin, kidneys, liver, lungs, blood, or central nervous systems. May cause dizziness, headache, nausea, mental confusion, or visual disturbances.

Carcinogenicity OSHA: Yes ACGIH: A2-Suspected NTP: 2-Anticipated IARD: 2A-Probable  
Other: CA Prop 65

## SECTION 12: ECOLOGICAL INFORMATION

Ecological information	Not established.
Biodegradability	Component or components of this product are not biodegradable.
Bioaccumulative potential	Components in this mixture can bioaccumulate in aquatic organisms.
Mobility in soil	This product is mobile in soil.
Other ecological hazards	This material is toxic to aquatic life.

## SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal	Dispose of in accordance with federal, state, and local regulations. Do not dump in sewers. Wrap container and place in trash collection, do not puncture, incinerate, or reuse container.
RCRA status	Waste solvent likely considered U210 (Tetrachloroethylene) under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

## SECTION 14: TRANSPORT INFORMATION

DOT

UN number	UN1950
UN proper shipping name	Aerosols, Ltd. Qty.
Transport hazard class(es)	2.2 (6.1)

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 : All ingredients are listed.  
CERCLA (Comprehensive Response Compensation, and Liability Act): Tetrachloroethylene (127-18-4) Reportable Quantity = 100 lbs  
Section 311/312 hazard categories: Acute Health, Chronic Health.  
Section 313 (Specific toxic chemical listings): 127-18-4 Tetrachloroethylene  
California Proposition 65: 127-18-4 tetrachloroethylene

## 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\*\*\*