

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

COMPANY NAME:	AMERICAN INDUSTRIES, INC.	PRODUCT NAME:	DRI-COAT
ADDRESS LINE 1:	4300 Kahn Drive, Box 1405	PRODUCT CODE:	1662.03
ADDRESS LINE 2:	Lumberton, NC 28359-1405 USA	PRODUCT USE:	Dry Film PTFE Lubricant & Release Agent
TELEPHONE NUMBERS:	800-753-5153 (or) 910-738-7224	SDS FILE ID:	1662.03
EMERGENCY PHONE:	CHEMTREC 1-800-424-9300	SDS DATE:	2015-05-07
		REPLACES VERSION DATED:	2012-09-27 and all prior versions

SECTION 2: HAZARDS IDENTIFICATION

Classification:	Flammable Aerosol: Category 1	Liquefied Gas
	Skin Irritant: Category 2	
	Eye Irritant: Category 2A	
	Specific Target Organ Toxicity (Single Exposure): Category 3	

Label elements



Signal word: Danger

Hazard statement: Extremely flammable Aerosol. Contains gas under pressure; May explode if heated. Causes skin and serious eye irritation. May cause drowsiness and dizziness. May be fatal if swallowed and enters airways..

This product contains the following percentage of chemicals of unknown toxicity: 0%

Precautionary statement: 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>
Heptane	142-82-5	10-30
Isopropyl Alcohol	67-63-0	7-13
Propane/n-Butane	68476-86-8	30-60
Isoparaffinic Hydrocarbon	64741-66-8	15-40

SECTION 4: FIRST AID MEASURES

Inhalation	Move to fresh air. If breathing is difficult, administer oxygen. If not breathing administer artificial respiration. Seek medical attention if irritation persists.
Skin contact	If on skin: Wash with plenty of water. If skin irritation occurs: get medical attention.

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	If swallowed: Rinse mouth. Do NOT induce vomiting. Get medical advice or 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, diarrhea, aspiration risk.
Chronic health hazards	Repeated or prolonged exposure may be toxic to kidneys, liver, skin, central nervous system (CNS).
Note to physician	If ingested, material may be aspirated into the lungs and cause chemical pneumonitis. Treat appropriately.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable extinguishing media	Dry chemical, foam or Carbon Dioxide (CO ₂).
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. Use water spray only to cool exposed containers. Shut off all sources of ignition.
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. May develop a flammable atmosphere in confined areas.
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 non-combustible material like vermiculite, sand or earth. If many cans are opened remove ignition sources. Prevent spill from entering sewers, storm drains, and natural waterways.
Waste disposal	Dispose of in accordance with federal, state, and local regulations.
RCRA Status	Waste likely considered D001, 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	Keep out of the reach of children.
Incompatibility	Oxidizers, heat, spark, open flame, and energized equipment.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

<u>Hazardous Component</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Heptane	400 ppm	400 ppm
Isopropyl Alcohol	400 ppm	200 ppm
Propane/n-Butane	1000 ppm	1000 ppm
Isoparaffinic Hydrocarbon	400 ppm	400 ppm
Engineering controls/Ventilation	Use only outdoors or in a well-ventilated area.	
Respiratory protection	Use only in well ventilated areas. If exposure levels are exceeded then organic vapor cartridge respirator or SCBA will be needed.	

Personal protective equipment Safety glasses and chemical resistant gloves.

Additional Measures Wash hands thoroughly after handling.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White hazy spray.	
Odor	Petroleum odor.	
Odor threshold	N/D	
Boiling point	N/D	
Freezing Point	N/D	
Flammability	Extremely Flammable Aerosol	
Flash point	N/D	
Auto-ignition temperature	N/D	
Upper/lower flammability limits	Lower: N/D	Upper: N/D
Vapor Pressure (mmHg)	124	
Vapor density (Air = 1)	>2	
Evaporation Rate	>2.5	
Specific Gravity (H2O=1)	0.725	
pH	N/A	
Solids (%)	N/D	
Solubility in Water	Non-soluble	
Partition Coefficient:n-Octanol/water (K _{ow})	N/D	
Volatility including water (%)	99%	
VOC	71%	
Dielectric Strength (Volts)	N/D	
Decomposition Temperature	N/D	
Viscosity	N/D	

SECTION 10: STABILITY AND REACTIVITY

Reactivity	None known.
Chemical stability	Stable.
Conditions to avoid	Temperatures greater than 122°F (50°C) may cause bursting..
Incompatibility	Oxidizers, heat, sparks, open flame, and energized equipment.
Hazardous decomposition products	Oxides of carbon.
Possible hazardous reactions	None known.

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicological information	Heptane (142-82-5) LD ₅₀ (Oral, Rat) 15,000 mg/kg; LC ₅₀ (Inhalation, Rat, 4hr) 103 g/m ³ ; LD ₅₀ (Dermal, Rabbit) 2,000 mg/kg Isopropyl Alcohol (67-63-0) LD ₅₀ (Oral,Rat) 5045 mg/kg; LD ₅₀ (Oral, Rabbit) 5045 mg/kg; LD ₅₀ (Dermal, Rabbit) 12,800 mg/kg; LC ₅₀ (Inhalation, Rat, 8hr) 16,000 ppm
Routes of Entry	Eyes, Ingestion, Inhalation, Skin.
Ingestion	May be harmful if swallowed. Not an expected route of exposure. Nausea, vomiting, headaches, abdominal pain, diarrhea, dizziness, pulmonary edems, unconsciousness or death.
Inhalation	Anesthetic. Irritates respiratory tract. Acute overexposure can cause serious nervous system depression. Vapor harmful.

Skin contact	Brief contact is not irritating. May cause irritation, localized defatting, with prolonged or repeated contact. Removes natural oils and fats from skin.
Eye contact	Causes irritation, redness, tearing, pain, blurred vision.
Medical condition aggravated	Asthma, bronchitis, emphysema and other lung diseases and chronic nose, sinus or throat conditions. Skin irritation may be aggravated in individuals with existing skin disorders
Acute health hazards	Eyes: redness, tearing, blurred vision. Skin: defatting and dermatitis. Inhalation: Anesthetic, irritation, Central Nervous System depression. Oral: abdominal irritation, nausea, vomiting, diarrhea, aspiration risk.
Chronic health hazards	Repeated or prolonged exposure may be toxic to kidneys, liver, skin, central nervous system (CNS).
Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

SECTION 12: ECOLOGICAL INFORMATION

Ecological information	Isopropyl Alcohol (67-63-0) LC ₅₀ (Fathead Minnow, 96 hrs) 100,000 mg/L.
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.
RCRA Status	Waste likely considered D001, 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): None.
 SARA 311/312 Hazardous categories: Fire hazard.
 SARA 313 reportable ingredients: None.

US state regulations: **Heptane (142-82-5)** California Director's List of Hazardous Substances, Connecticut hazardous material survey, Illinois toxic substances disclosure to employee act, New Jersey RTK, Massachusetts RTK, Minnesota RTK, Pennsylvania RTK, Rhode Island RTK
Isopropyl Alcohol (67-63-0) Right-to-Know acts for Rhode Island, Pennsylvania, Florida, Minnesota, Massachusetts, New Jersey, Tennessee Connecticut hazardous material survey. Isopropyl alcohol Illinois toxic substances disclosure to employee act

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	0

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