

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
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:	1662.04
EMERGENCY PHONE:	CHEMTREC 1-800-424-9300	SDS DATE:	2022-02-14
		REPLACES VERSION DATED:	2015-05-07 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	
	Aspiration: Category 1	

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 50 °C/122 °F. 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 advice or 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 advice or attention. Avoid breathing 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. If swallowed: Immediately call a poison center or doctor. Do NOT induce vomiting. Dispose of contents and container in accordance with local, state, and federal 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	30-40
Isopropyl Alcohol	67-63-0	15-25
Propane	74-98-6	15-25
N-Butane	106-97-8	15-25
Naphtha (petroleum), light alkylate	64741-66-8	1-5

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, low molecular weight hydrocarbons.

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. Do not dump in sewers.
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	Use only with adequate ventilation. Wear appropriate protective equipment. Avoid contact with skin, eyes and clothing. Do not inhale mist or vapor. Store in cool, dry, ventilated area. Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
Other precautions	Keep out of the reach of children.
Incompatibility	Avoid heat, flame, and contact with strong oxidizing agents.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

<u>Hazardous Component</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Heptane	500 ppm	400 ppm
Isopropyl Alcohol	400 ppm	200 ppm
Propane	1000 ppm	1000 ppm
N-Butane	Not Established	1000 ppm
Naphtha (petroleum), light alkylate	Not Established	Not Established
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)	N/D
Vapor density (Air = 1)	N/D
Evaporation Rate	N/D
VOC	98.8%
Relative Density (H2O=1)	0.71 – 0.76
pH	N/A
Solids (%)	N/D
Solubility in Water	Non-soluble
Partition Coefficient:n-Octanol/water (K _{ow})	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) and sources of ignition.
Incompatibility	Avoid heat, flame, and contact with strong oxidizing agents.
Hazardous decomposition products	Oxides of carbon.
Possible hazardous reactions	None known.

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicological information	Heptane (142-82-5) LC50 (Vapors, Mice) 1600 ppm Isopropyl Alcohol (67-63-0) Oral LD50 (Rat): 5045mg/kg; Dermal LD50 (Rabbit): 12870mg/kg; Inhalation LC50 (Rat, 4h): 78.6 mg/L
Routes of Entry	Eyes, Ingestion, Inhalation, Skin.
Ingestion	May cause gastrointestinal irritation, headaches, nausea, diarrhea, vomiting, dizziness, drowsiness, signs of intoxication, incoordination, and slurred speech depending on the amount ingested. Aspiration hazard. Can enter the lungs during swallowing or vomiting and cause chemical pneumonia or edema.
Inhalation	May cause irritation to the respiratory tract, dizziness, headaches, drowsiness, unconsciousness and other central nervous system effects including death with excessive or prolonged exposure.
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	Avoid release to the environment. Isopropyl Alcohol (67-63-0) LC ₅₀ (Fathead Minnow, 96 hrs) 9640 mg/L n-Heptane (142-82-5) EC ₅₀ (Daphnia) 0.2 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. Do not dump in sewers.
RCRA Status	Waste likely considered D001 (ignitable waste), 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

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: Flammable (gases, aerosols, liquids, solids). Gas under pressure. Skin corrosion or irritation. Serious eye damage or eye irritation. Specific target organ toxicity (single or repeated exposure). Aspiration hazard.

SARA 313 reportable ingredients: None.

US state regulations: **California Proposition 65**: None. **Heptane** (142-82-5) **Director's List of Hazardous Substances**: CA;

Toxic Substances Disclosure to Employees Act: IL; **Right-to-Know**: MA, MN, NJ, PA, RI. **Isopropyl Alcohol** (67-63-0)

Director's List of Hazardous Substances: CA; **Toxic Substances Disclosure to Employees Act**: IL; **Right-to-Know**: FL, NJ,

PA, MN, MA, RI.

International inventories: Canadian Domestic Substance List (DSL): All ingredients are listed

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