Safety Data Sheet

AlbaChem® DRI-WEB FOAM ADHESIVE

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: **DRI-WEB FOAM ADHESIVE**

Product code: 1075 **Date of Revision: 3-26-26**

Manufacturer: 36-41 36T STREET LONG ISLAND CITY

Telephone 718-392-6272

Emergency Phone Number: Spill, leak, fire, exposure or accident – Call CHEMTREC – Day or Night 1-800- 424-9300 or 1-703-527-3887 (USA & Canada) 01-800-681-9531 (México)

Recommended use: Adhesive Spray

Restrictions on use

For industrial use only.

SECTION 2. HAZARDS IDENTIFICATION

Emergency Overview

Appearance	Aerosol containing a compressed gas
Color	light yellow
Odor	characteristic

GHS Classification

Flammable aerosols: Category 1

Gases under pressure: Compressed gas

Skin irritation: Category 2

Eye irritation: Category 2A

Skin sensitization: Category 1

Specific target organ toxicity – single exposure Category 3 (Central nervous system)

Specific target organ toxicity – repeated exposure Category 2

GHS label elements

Hazard pictograms



Signal Word: **Danger**

Hazard Statements:

H222 Extremely flammable aerosol. H280 Contains gas under pressure; may explode if heated. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness. H373 May cause damage to organs through prolonged or repeated exposure.

Precautionary Statements:

Prevention:

P210 Keep away from heat/ sparks/ open flames/ hot surfaces. No smoking. P211 Do not spray on an open flame or other ignition source. P251 Pressurized container: Do not pierce or burn, even after use. P260 Do not breathe dusts or mists. P264 Wash skin thoroughly after handling. P271 Use only outdoors or in a well-ventilated area. P272 Contaminated work clothing must not be allowed out of the workplace. P280 Wear protective gloves/ eye protection/ face protection.

Response:

P302 + P352 IF ON SKIN: Wash with plenty of soap and water. P304 + P340 + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/ doctor if you feel unwell. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P314 Get medical advice/ attention if you feel unwell. P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention. P337 + P313 If eye irritation persists: Get medical advice/ attention. P362 Take off contaminated clothing and wash before reuse.

Storage:

P403 + P233 Store in a well-ventilated place. Keep container tightly closed. P405 Store locked up. P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C (122 °F).

Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant

Potential Health Effects

Carcinogenicity:

IARC No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

NTP No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture :

Mixture

Hazardous ingredients

Chemical name	CAS-No	Concentration [%]
propane	74-98-6	30 - 50
acetone	67-64-1	20 - 30
butane	106-97-8	5 - 10
methyl acetate	79-20-9	5 - 10
n-hexane	110-54-3	5 - 10
Hexane, branched and linear	92112-69-1	1 - 5
methylcyclopentane	96-37-7	1 - 5

Actual concentration is withheld as a trade secret

SECTION 4. FIRST AID MEASURES

General advice: If on clothes, remove clothes. Show this safety data sheet to the doctor in attendance. Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

If inhaled: Remove person to fresh air. If signs/symptoms continue, get medical attention. If breathing has stopped, apply artificial respiration. In case of unconsciousness bring patient into stable side position for transport.

In case of skin contact: Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Call a physician if irritation develops or persists.

In case of eye contact: Flush eyes with water at least 15 minutes. Get medical attention if eye irritation develops or persists.

If swallowed: Do NOT induce vomiting. If accidentally swallowed obtain immediate medical attention.

Most important symptoms and effects, both acute and delayed:

Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. May cause drowsiness or dizziness. May cause damage to organs through prolonged or repeated exposure.

Notes to physician: No further relevant information available

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Water mist
Dry powder
Carbon dioxide (CO2)
Alcohol-resistant foam

Unsuitable extinguishing media: Do NOT use water jet.

Specific hazards during fire: May release toxic, irritating and/or corrosive gases

Fighting In case of fire, the following substance(s) may occur: Carbon monoxide

Specific extinguishing methods:

Further information: In the event of fire, wear self-contained breathing apparatus. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Special protective equipment for fire-fighters:

In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Remove all sources of ignition.
Use personal protective equipment.
Use breathing protection against the effects of fumes/dust/aerosol.
Evacuate personnel to safe areas.
Ensure adequate ventilation.
Refer to protective measures listed in sections 7 and 8.

Environmental precautions: The product should not be allowed to enter drains, water courses or the soil. Prevent the material from reaching sewage system, holes and cellars.

If the product contaminates rivers and lakes or drains inform respective authorities.

Methods and materials for containment and cleaning up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Non-sparking tools should be used.
Ensure adequate ventilation.
Send for recovery or disposal in suitable containers.
Dispose of contaminated material as waste according to section 13.

SECTION 7. HANDLING AND STORAGE

Local/Total ventilation: Use only with adequate ventilation.

Advice on safe handling:

Avoid formation of dust and aerosols.
Take note of emission threshold.
Use solvent-proof equipment.
Ensure that suitable extractors are available on processing machines.
Handle with care.
Keep eye wash bottle available on working place.
Avoid release to the environment.
Keep out of reach of children.
Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.
Do not spray on an open flame or other ignition source.
Do not spray on an open flame or any incandescent material. Keep away from sources of ignition - No smoking.
Keep away from children.

Conditions for safe storage: Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use. Keep tightly closed in a dry, cool and well-ventilated place. Protect against light.

Materials to avoid: Do not store together with oxidizing and self-igniting products

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
propane	74-98-6	TWA	1,000 ppm	ACGIH
		TWA	1,000 ppm 1,800 mg/m3	NIOSH REL
		TWA	1,000 ppm 1,800 mg/m3	OSHA Z-1
		TWA	1,000 ppm 1,800 mg/m3	OSHA P0
		PEL	1,000 ppm 1,800 mg/m3	CAL PEL
acetone	67-64-1	TWA	250 ppm	ACGIH
		STEL	500 ppm	ACGIH
		TWA	1,000 ppm 2,400 mg/m3	OSHA Z-1
		TWA	750 ppm 1,800 mg/m3	OSHA P0

		STEL	1,000 ppm 2,400 mg/m3	OSHA P0
		STEL	750 ppm 1,780 mg/m3	CAL PEL
		C	3,000 ppm	CAL PEL
		PEL	500 ppm 1,200 mg/m3	CAL PEL
butane		TWA	800 ppm 1,900 mg/m3	NIOSH REL
		TWA	800 ppm 1,900 mg/m3	OSHA P0
		PEL	800 ppm 1,900 mg/m3	CAL PEL
		STEL	1,000 ppm	ACGIH
methyl acetate		TWA	200 ppm	ACGIH
		STEL	250 ppm	ACGIH
		TWA	200 ppm 610 mg/m3	OSHA Z-1
		TWA	200 ppm 610 mg/m3	OSHA P0
		STEL	250 ppm 760 mg/m3	OSHA P0
		PEL	200 ppm 610 mg/m3	CAL PEL
		STEL	250 ppm 760 mg/m3	CAL PEL
n-hexane		TWA	50 ppm	ACGIH
		TWA	50 ppm 180 mg/m3	NIOSH REL
		TWA	500 ppm 1,800 mg/m3	OSHA Z-1
		TWA	50 ppm 180 mg/m3	OSHA P0
		PEL	50 ppm 180 mg/m3	CAL PEL
Hexane, branched and linear		TWA	500 ppm	ACGIH
		STEL	1,000 ppm	ACGIH
		TWA	500 ppm 1,800 mg/m3	OSHA P0
		STEL	1,000 ppm 3,600 mg/m3	OSHA P0
		TWA	100 ppm 350 mg/m3	NIOSH REL
		C	510 ppm 1,800 mg/m3	NIOSH REL
		TWA	200 ppm	ACGIH
		PEL	500 ppm 1,800 mg/m3	CAL PEL
		STEL	1,000 ppm 3,600 mg/m3	CAL PEL
methylcyclopentane		TWA	500 ppm	ACGIH
		STEL	1,000 ppm	ACGIH
		TWA	500 ppm 1,800 mg/m3	OSHA P0
		STEL	1,000 ppm 3,600 mg/m3	OSHA P0

Engineering measures:	Please take note of national and local requirements.
Respiratory protection:	Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. In case of brief exposure or low pollution (exceeding of TLV) use breathing filter apparatus. In case of intensive or longer exposure use breathing apparatus that is independent of circulating air. Ensure that suitable extractors are available on processing machines.
Filter type:	Combined particulates and organic vapor type or equipment with better protection
Hand protection	
Material:	Nitrile rubber or equipment with better protection
Remarks:	Direct contact with the product must be avoided by organizational measures. The glove material has to be impermeable and resistant to the product/the substance/the preparation. The exact break through time can be obtained from the protective glove producer and this has to be observed. The gloves need to be disposed after the penetration time and replaced by new ones. Apply skin protectant before working with gloves to avoid skin swellings and use a skin cleansing and skincare product after the work. For the permanent contact gloves made of the following materials are suitable: If longer exposure to the chemical preparation is necessary, a sturdy over glove against mechanical strain is recommended in combination with the Barrier 02-100 under glove from Ansell or other suppliers (penetration time: 480 min). For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable: Butyl rubber (minimum thickness: 0.7 mm; penetration time: 15 min) As protection from splashes gloves made of the following materials are suitable: Nitril (minimum thickness 0.12 mm), Disposable gloves with long cuffs After contact with the chemical preparation, take the disposable nitrile glove off immediately and put on a new disposable nitrile glove
Eye protection	Tightly fitting safety goggles or equipment with better protection
Skin and body protection	Protective clothing
Protective measures	Keep away from food, drink and animal feeding stuffs. Instantly remove any soiled and impregnated garments. Wash hands before breaks and immediately after handling the product. Avoid contact with the eyes and skin. Store protective clothing separately. Wear suitable protective clothing

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Aerosol containing a compressed gas
Color:	light yellow
Odor:	characteristic
Odor Threshold:	is not determined
pH:	is not determined
Melting point/freezing point:	is not determined
Flash point:	-104.4 °CMethod: closed cup
Evaporation rate:	is not determined
Relative vapor density:	is not determined
Density:	0.80 g/cm³ (20 °C)
Solubility(ies)	
Water solubility:	not miscible or difficult to mix
Partition coefficient: n-octanol/water:	No data available
Autoignition temperature:	is not determined
Thermal decomposition:	Not applicable
Explosive properties:	Product is not explosive. However, formation of explosive vapor/air mixtures is possible

SECTION 10. STABILITY AND REACTIVITY

Reactivity:	No further relevant information available.
Chemical stability:	No decomposition if used according to the specifications.
Possibility of hazardous reactions:	Develops readily flammable vapors/fumes.
Conditions to avoid:	Heat may lead to dangerous pressure build-up in sealed container.
Incompatible materials	No further relevant information available.
Hazardous decomposition products:	No decomposition if stored and applied as directed

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity	
Product:	
Acute dermal toxicity	Acute toxicity estimate : > 5,000 mg/kg Method: Calculation method
Components:	
methyl acetate:	
Acute inhalation toxicity	LC50 Rat: 16000 ppm Exposure time: 4 Hours Test atmosphere: vapor
n-hexane:	
Acute dermal toxicity	LD50 Dermal Rabbit: 3,000 mg/kg
Skin corrosion/irritation	No data available
Serious eye damage/eye irritation	No data available
Respiratory or skin sensitization	No data available
Germ cell mutagenicity	
Product:	
Germ cell mutagenicity- Assessment	Tests on bacterial or mammalian cell cultures did not show mutagenic effects
Carcinogenicity	
Product:	
Carcinogenicity – Assessment	Not classifiable as a human carcinogen.
Reproductive toxicity	
Product:	
Reproductive toxicity – Assessment	No toxicity to reproduction
STOT-single exposure	No data available
STOT-repeated exposure	No data available
Aspiration toxicity	No data available

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity	
Components:	
methyl acetate :	
Toxicity to fish	LC50 (Pimephales promelas (fathead minnow)): 295 - 348 mg/l
Exposure time: 96 Hours	
Method: flow-through test	
n-hexane :	
Toxicity to fish	LC50 (Pimephales promelas (fathead minnow)): 2.1 - 2.98 mg/l Exposure time: 96 Hours Method: flow-through test
Persistence and degradability	No data available
Bioaccumulative potential	
Components acetone:	
Partition coefficient: n-octanol/water:	log Pow: -0.24
methyl acetate :	
Partition coefficient: n-octanol/water:	log Pow: 0.18
methylcyclopentane :	
Partition coefficient: n-octanol/water:	log Pow: 3.37
Mobility in soil	
Product:	
Mobility	Medium: Soil Remarks: Do not allow product to reach ground water, water bodies or sewage system.
Other adverse effects	No data available

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods	
Waste from residues:	Do not dispose of together with household waste. Do not dispose of waste into sewer. To the best of our knowledge, this product does not meet the definition of hazardous waste under the U.S. EPA Hazardous Waste Regulations 40 CFR 261. Disposal via incineration at an approved facility is recommended, as industry best practice. Consult state, local or provincial authorities for more restrictive requirements.
Contaminated packaging	Disposal must be made according to official regulations

SECTION 14. TRANSPORT INFORMATION

International Regulations	
IATA-DGR	
UN/ID No:	UN 1950
Proper shipping name	Aerosols, flammable
Class	2.1
Packing group	Not assigned by regulation
Labels	Flammable Gas
Packing instruction (cargo aircraft)	203
Packing instruction (passenger aircraft)	203
IMDG-Code	
UN number	UN 1950
Proper shipping name	AEROSOLS
Class	2.1
Packing group	Not assigned by regulation
Labels	2.1
EmS Code	F-D, S-U
Marine pollutant	no

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not applicable for product as supplied.

Domestic regulation

49 CFR

UN/ID/NA number	UN 1950
Proper shipping name	Aerosols
Class	2.1
Packing group	Not assigned by regulation
Labels:	FLAMMABLE GAS
ERG Code:	126
Marine pollutant:	no

Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

SECTION 15. REGULATORY INFORMATION

SARA 311/312 Hazards:	Flammable (gases, aerosols, liquids, or solids)	
	Gases under pressure	
	Respiratory or skin sensitization	
	Specific target organ toxicity (single or repeated exposure)	
	Skin corrosion or irritation	
	Serious eye damage or eye irritation	
SARA 302:	This material does not contain any components with a section 302 EHS TPQ.	
SARA 313:	The following components are subject to reporting levels established by SARA Title III, Section 313:	
	n-hexane	110-54-3

Clean Air Act
The following chemical(s) are listed as HAP under the U.S. Clean Air Act, Section 112 (40 CFR 61):

n-hexane	110-54-3

US State Regulations

California Prop 65	Please contact Supplier for more information

The ingredients of this product are reported in the following inventories:

US TSCA	All substances listed as active on the TSCA inventory
AU AIIC	On the inventory, or in compliance with the inventory
CA DSL	All components of this product are on the Canadian DSL
KR KECI	On the inventory, or in compliance with the inventory
PH PICCS	On the inventory, or in compliance with the inventory
CN IECSC	On the inventory, or in compliance with the inventory

Please reach out to H.B. Fuller for further information regarding chemical inventories not listed above

Inventories Legend
TSCA (USA), DSL (Canada), REACH(Europe), AIIC (Australia), NZIoC (New Zealand), ENCS (Japan), KECI (Korea), PICCS (Philippines), IECSC (China), TWINV (Taiwan)

SECTION 16. OTHER INFORMATION

Prepared by: Global Regulatory Office - phone: 1-651-236-5842 - email: msds.request@hbfuller.com

Further information

NFPA:

Flammability	**4**
Health	**2**
Instability	**0**
Special hazard	

HEALTH	**2**
FLAMMABILITY	**4**
PHYSICAL HAZARD	**3**

0 = not significant, 1 =Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

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