

PRODUCT NAME: ABRO Multi-Purpose Adhesive Spray
PRODUCT NUMBER/SIZE: SA-300

Revision Date: 1/13/2015

SECTION 1 Identification of the Substance and of the Company/Undertaking

MANUFACTURER'S NAME: ABRO INDUSTRIES, INC.
ADDRESS: 3580 Blackthorn Court
South Bend, IN 46628
USA
PRODUCT DESCRIPTION: Spray Adhesive
COMPANY PHONE: 574-232-8289
EMERGENCY 24-HR TELEPHONE: Chemtrec: US/Canada 1-800-424-9300
International +1-703-527-3887

SECTION 2 Hazards Identification

Classification:

Flammable Aerosol Category 1
Skin irritation Category 2
Eye irritation Category 2A
Reproductive toxicity Category 2
Specific target organ toxicity - single exposure (Category 3), Central nervous system
Aspiration hazard Category 1

Label Pictogram(s):



Signal Word: DANGER

Hazard Phrases: Extremely flammable aerosol. Pressurized container. May burst if heated. May be fatal if swallowed and enters airways. Causes skin and serious eye irritation. May cause drowsiness or dizziness. Suspected of damaging fertility or the unborn child.

Precautionary Phrases: Keep away from heat, sparks and open flames. No smoking. Do not spray on open flames or other ignition source. Do not pierce or burn, even after use. Avoid breathing spray. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep container tightly closed. Wear eye protection and protective gloves and wash skin thoroughly after handling. Use only outdoors or in a well-ventilated area.

Response: IF SWALLOWED: Immediately call a POISON CENTER or doctor. Do not induce vomiting.

IF ON SKIN: Take off immediately all contaminated clothing and wash it before reuse. Rinse skin with plenty of water. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If exposed, concerned, skin irritation occurs or eye irritation persists or you feel unwell, get medical attention.

Storage / Disposal: Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. Store locked up in a well-ventilated place. Keep container tightly closed. Dispose of contents/ container to an approved waste disposal plant.

Other: Keep out of reach of children. Read label before use.
If medical advice is needed, have product container or label at hand.

SECTION 3 Composition/Information on Ingredients

COMPONENTS	CAS Number	Percent by weight
Liquefied Petroleum Gas	68476-86-8	40.000 %
**n-Hexane	110-54-3	21.196 %
2-Propanone	67-64-1	15.952 %
Hydrocarbon Resin	Proprietary	9.973 %
Hydrocarbon Resin	Proprietary	8.887 %
Rosin Ester	Proprietary	2.538%
Styrene-Isoprene-Styrene Block Copolymer	25038-32-8	1.454%

**Indicates ingredients that are subject to the reporting requirements of Section 313 of EPCRA and 40 CFR 372. Component of a blended material regulated under section 313 of SARA

HMIS: Health 1 Flamm. 4 React. 0 NFPA: Tox. 1 Flamm. 4 React. 0

SECTION 4 First Aid Measures

First Aid Measures

Immediate Medical Attention:	If ingested this material represents a significant aspiration and chemical pneumonitis hazard. Induction of emesis is not recommended.
Eyes	Flush eyes thoroughly with running water. Get medical advice if irritation develops and persists.
Skin	Remove contaminated clothing. Wash skin with soap and water for at least 15 minutes. Wash clothes before re-wearing. Get medical attention if irritation develops and persists.
Ingestion	DO NOT INDUCE VOMITING. Give large quantities of water. Never give anything by mouth to an unconscious person. Call a physician immediately.
Inhalation	Move to fresh air. If breathing is difficult, give artificial respiration. Call a physician.
Signs & Symptoms Of Over Exposure:	Vapors have a mild narcotic effect. Symptoms of overexposure may include drowsiness and irritation of the respiratory passages. Very high vapor

concentrations and liquid may cause irritation, redness, and pain. Causes skin irritation, cracking or flaking due to dehydration and defatting of the skin. Swallowing large amounts may be harmful. This material can get into the lungs during swallowing or vomiting. This can result in lung inflammation and other lung injury.

Special Treatment: Provide general supportive measures and treat symptomatically. Pre-existing skin conditions or impaired respiratory conditions may be aggravated by exposure.

SECTION 5 Fire Fighting Measures

Extinguishing media	Foam, Dry Chemical(B-C), CO2
Hazardous Combustion:	No information available.
Protective Equipment and Precautions for firefighters:	Keep containers cool using water spray to avoid bursting containers. Wear full firefighting turn-out gear and respiratory protection. UNUSUAL HAZARDS: Contents under pressure. Do not use near fire, sparks, or flame. Do not puncture or incinerate container. Exposure to temperatures above 120°F may cause container to burst.
Flammability per Flame Projection Test	EXTREMELY FLAMMABLE

SECTION 6 Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:	Use respirator only as a last resort to control exposure. Wear CHEMICAL RESISTANT GLOVES if repeated skin contact occurs or causes irritation. Wear SAFETY GLASSES or GOGGLES to prevent eye contact. Maintain adequate ventilation.
Methods/materials for containment and cleanup:	Absorb spill with inert material then place in a chemical waste container. Dispose of spill material in accordance with local, state or federal regulations.
Environmental precautions:	No information available.

SECTION 7 Handling and Storage

Precautions for Safe Handling	DANGER: EXTREMELY FLAMMABLE. VAPOR MAY CAUSE FLASH FIRE. HARMFUL OR FATAL IF SWALLOWED. HARMFUL IF INHALED. Eye, skin and respiratory irritant. Contents under pressure. Keep out of reach of children. Avoid contact with skin and eyes. Wash thoroughly after handling. Do not use near heat, sparks or open flames. Avoid breathing vapor or mist. Use with adequate ventilation. Do not use near sources of ignition. Do not use in confined areas. Do not smoke while using. Intentional misuse by deliberately concentrating and inhaling the contents of this container may be harmful and fatal.
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Conditions for Safe Storage

STORAGE: Store in a cool, dry well-ventilated area away from incompatible materials. Do not use or store near fire, sparks, or flame. Do not store at temperatures above 120°F. Keep out of reach of children. Store in accordance with NFPA 30B for Level 3 Aerosol.

**SECTION 8
Exposure Controls/Personal Protection**

COMPONENTS	CAS Number	OSHA PEL	ACGIH TWA (TLV)
Liquefied Petroleum Gas	68476-86-8	Unknown	1000 ppm (Propane) 800 ppm (Butane)
**n-Hexane	110-54-3	500 ppm 1800mg/m ³	50 ppm
2-Propanone	67-64-1	1000 ppm	50 ppm
Hydrocarbon Resin	Proprietary	Unknown	Unknown
Hydrocarbon Resin	Proprietary	Unknown	Unknown
Rosin Ester	Proprietary	Unknown	Unknown
Styrene-Isoprene-Styrene Block Copolymer	25038-32-8	Unknown	Unknown

Engineering Controls:

Maintain adequate ventilation.

Personal Protective Equipment:

Skin

Wear CHEMICAL RESISTANT GLOVES if repeated skin contact occurs or causes irritation

Eyes

Wear SAFETY GLASSES or GOGGLES to prevent eye contact.

Respiratory

Use respirator only as a last resort to control exposure.

Work/Hygienic/Maintenance Practices

No information available.

**SECTION 9
Physical and Chemical Properties**

Appearance and Physical State:	White, opaque liquid in a pressurized aerosol can
Odor:	Solvent
Odor Threshold:	Not Available
pH:	Not Available
Melting Point/Freezing Point:	Not Available
Initial boiling point & boiling range:	>100°F
Flash Point:	Not Available
Evaporation rate:	>1.00
Flammability (solid, gas)	Not Available
Upper/lower flammability or explosive limits	Not Available
Vapor pressure	Not Available

Vapor density	Not Available
Relative density	Not Available
Specific gravity	0.781 – 0.791g/mL
Solubility	Not Available
Partition Coefficient n-Octanol/Water	Not Available
Auto-ignition Temperature:	Not Available
Decomposition Temperature:	Not Available
Viscosity:	Not Available
%-VOC Content:	64.9%
CARB VOC Category/Standard (%)	Not Available
OTC Model Rule Category/Standard (%)	Not Available
US EPA Cons Prod Category/Standard (%)	Not Available
Weight per gallon	Not Available.
Solids in weight %	Not Available.

SECTION 10 Stability and Reactivity

Reactivity	No information available.
Chemical Stability:	Product is stable
Possibility of hazardous reactions:	No information available.
Conditions to avoid (e.g. static discharge, shock or vibration):	Heat, sparks, open flames and temperatures above 120F
Incompatibilities:	Avoid contact with strong oxidizers
Hazardous decomposition products:	CO, CO2, and various hydrocarbons
Hazardous polymerization:	Will not occur.

SECTION 11 Toxicological Information

Likely Routes of Exposure:	Inhalation, eye and skin contact
Symptoms:	Vapors have a mild narcotic effect. Symptoms of overexposure may include drowsiness and irritation of the respiratory passages. Very high vapor concentrations and liquid may cause irritation, redness, and pain. Causes skin irritation, cracking or flaking due to dehydration and defatting of the skin. Swallowing large amounts may be harmful. This material can get into the lungs during swallowing or vomiting. This can result in lung inflammation and other lung injury.
Delayed and Immediate Effects:	No data available.
Chronic Effects:	No data available.
Toxicological Information:	No data available.

SECTION 12 Ecological Information

Ecotoxicity:	No data available.
Persistence and Degradability:	No data available.
Bioaccumulation Potential:	No data available.
Mobility in Soil:	No data available.
Other Adverse Effects:	No data available.

SECTION 13 Disposal Considerations

Storage and Disposal	Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F. Store locked up in a well-ventilated place. Keep container tightly closed. Dispose of contents/ container to an approved waste disposal plant.
Waste Disposal Method:	Dispose of waste material in accordance with state, local, and federal regulations.

SECTION 14 Transport Information

Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (ocean, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport.

U.S. DOT	UN/ID Number:	UN1950
	Proper shipping name:	Aerosols
	Hazard class:	2.1
	Packing Group:	Not applicable
	Exceptions:	May be shipped as consumer commodity or limited quantity
	Environmental Hazards:	None
	Transport in Bulk:	Not applicable
	Special Precautions:	ERG#126
IMO/IMDG	UN/ID Number:	UN1950
	Proper shipping name:	Aerosols
	Hazard class:	2.1
	Packing Group:	Not applicable
	Exceptions:	May be shipped as a limited quantity
	Environmental Hazards:	None
	Transport in Bulk:	Not applicable
	Special Precautions:	EMS: F-D, S-U
ICAO/IATA	UN/ID Number:	UN1950
	Proper shipping name:	Aerosols, flammable
	Hazard Class:	2.1

Packing Group:	Not applicable
Exceptions:	May be shipped as consumer commodity or limited quantity
Environmental Hazards:	None
Transport in Bulk:	Not applicable
Special Precautions:	None

Canada (TDG)	UN/ID Number:	UN1950
	Proper shipping name:	Aerosols, flammable
	Hazard class:	2.1
	Packing Group:	Not applicable
	Exceptions:	May be shipped as consumer commodity or limited quantity
	Environmental Hazards:	None
	Transport in Bulk:	Not applicable
Special Precautions:	ERG#126	

Europe (ADR/RID)	UN/ID Number:	UN1950
	Proper shipping name:	Aerosols, flammable
	Hazard class:	2.1
	Packing Group:	Not applicable
	Exceptions:	May be shipped as consumer commodity or limited quantity
	Environmental Hazards:	None
	Transport in Bulk:	Not applicable
Special Precautions:	None	

SECTION 15 Regulatory Information

Proposition 65 – California Safe Drinking Water and Toxic Enforcement Act of 1986:
This product is not known to contain any chemicals currently listed as carcinogens or reproductive toxins under California Proposition 65 at levels which would be subject to the proposition.

SECTION 16 Other Information

The supplier disclaims all expressed or implied warranties of merchantability or fitness for a specific use, with respect to the product or the information provided herein, except for conformation to contracted specifications. All information appearing herein is based upon data obtained from manufacturers and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency. Conditions of use are beyond our control, and therefore users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product. Users also assume all risks in regards to the publication or use of, or reliance upon, information contained herein.

This information relates only to the product designated herein, and does not relate to its use in combination with any other material or process.

ABBREVIATIONS:

NG="NOT GIVEN"	BT="BETWEEN"
<="LESS THAN"	>="GREATER THAN"
ND = Not Determined	NA = Not Applicable