

Safety Data Sheet

Issue date 05-Apr-2021

Revision date 07-Mar-2022

Revision Number 2

1. IDENTIFICATION

Product identification

Product identifier Spray Bond Plus Instant Adhesive

Other means of identification DY60045402

Recommended use Adhesive

Restrictions on use For industrial use only

Supplier

Corporate Headquarters:
Lawson Products, Inc.
8770 W. Bryn Mawr Ave., Suite 900
Chicago, IL 60631
(866) 837-9908

Canadian Distribution Center:
Lawson Canada
7315 Rapistan Court
Mississauga, ON L5N 5Z4
(800) 323-5922

24 Hour Emergency Phone Number (888) 426-4851 (Prosar)

Website www.lawsonproducts.com

2. HAZARD(S) IDENTIFICATION

Hazard Classification This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), WHMIS 2015 and GHS Regulations.

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2A
Reproductive toxicity	Category 2
Specific target organ toxicity (single exposure)	Category 3
Specific target organ toxicity (repeated exposure)	Category 2
Aspiration toxicity	Category 1
Flammable aerosols	Category 1
Gases under pressure	Liquefied Gas

Symbol



Signal word DANGER

Hazard statements H222 - Extremely flammable aerosol
H280 - Contains gas under pressure; may explode if heated

H304 - May be fatal if swallowed and enters airways
H315 - Causes skin irritation
H319 - Causes serious eye irritation
H336 - May cause drowsiness or dizziness
H361 - Suspected of damaging fertility or the unborn child
H373 - May cause damage to organs through prolonged or repeated exposure

Precautionary statements

General

P101 - If medical advice is needed, have product container or label at hand
P102 - Keep out of reach of children
P103 - Read label before use.

Prevention

P201 - Obtain special instructions before use
P202 - Do not handle until all safety precautions have been read and understood
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. 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 dust/fume/gas/mist/vapors/spray
P264 - Wash hands thoroughly after handling
P271 - Use only outdoors or in a well-ventilated area
P280 - Wear protective gloves/protective clothing and eye/face protection
P281 - Use personal protective equipment as required

Response

General

P314 - Get medical advice/attention if you feel unwell.
P308 + P313 - IF exposed or concerned: Get medical advice/attention

Eyes

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P337 + P313 - If eye irritation persists: Get medical advice/attention

Skin

P302 + P352 - IF ON SKIN: Wash with plenty of soap and water
P332 + P313 - If skin irritation occurs: Get medical advice/attention
P362 - Take off contaminated clothing and wash before reuse

Inhalation

P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P312 - Call a POISON CENTER or doctor if you feel unwell

Ingestion

P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
P331 - Do NOT induce vomiting

Storage

P405 - Store locked up
P410 - Protect from sunlight
P412 - Do not expose to temperatures exceeding 50 °C/122 °F
P403 - Store in a well-ventilated place

Disposal

P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations as applicable

Hazard(s) Not Otherwise Classified (HNOC)

None known.

Physical Hazards Not Otherwise Classified (PHNOC)

None known.

Unknown acute toxicity

None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS**Composition** Mixture.

Chemical name	CAS-No	Weight %
Hexane	110-54-3	21-34
Acetone	67-64-1	19-31
Petroleum gases, liquified, sweetened	68476-86-8	17-29
Hydrocarbon resin	PROPRIETARY	4-10
Diethyl Hydroxylamine	3710-84-7	0.2
Butylated Hydroxytoluene	128-37-0	<1

4. FIRST-AID MEASURES**Necessary first-aid measures**

General Information	Never give anything by mouth to an unconscious person. If medical advice is needed, have product container or label on hand.
Inhalation	Move to fresh air. If not breathing, give artificial respiration. Call a physician or Poison Control Center if you feel unwell.
Ingestion	Contact physician or poison control center immediately. Do NOT induce vomiting.
Skin contact	Take off immediately all contaminated clothing. Wash off immediately with plenty of water for at least 15 minutes. Get medical attention if irritation develops and persists. Remove and wash contaminated clothing before re-use.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, consult a specialist.

Most important symptoms (acute) None known.

Most important symptoms (over-exposure) None known.

Indication of any immediate medical attention and special treatment needed None known.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	Carbon dioxide (CO2). Dry chemical. Foam.
Unsuitable extinguishing media	Heavy water stream. Avoid directing water stream directly into flame; it may cause frothing with subsequent spread of flame.
Specific hazards	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Contents under pressure. Closed containers can explode due to buildup of pressure when exposed to extreme heat. Highly flammable liquid and vapor. Can form explosive gas-air mixtures. Vapors may form explosive mixture with air. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back.
Special protective equipment for fire-fighters	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Remove all sources of ignition. Avoid contact with eyes, skin, and clothing. Avoid breathing vapor or mist. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Use personal protection recommended in Section 8. Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area).

Methods and materials for containment and cleaning up

Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. For waste disposal, see section 13 of the SDS. Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area).

7. HANDLING AND STORAGE

Precautions for safe handling

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Store locked up. Wash hands after handling the product. Ensure adequate ventilation, especially in confined areas. For industrial use only. Keep out of reach of children. Wash hands and face thoroughly after handling. Do not get in eyes, on skin, or on clothing. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Remove contaminated clothing and protective equipment before entering eating areas. A safety shower and eye wash station should be available for emergency use.

Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations. Store away from direct sunlight in dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Eliminate all sources of ignition. Keep tightly closed in a dry and cool place. Keep in a dry, cool and well-ventilated place. Keep in properly labeled containers. Protect containers from physical damage. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Empty containers contain residue and/or vapors. Do not weld, cut, pressurize, braze, solder, drill, grind, or expose such containers to heat, sparks, flame, static electricity, or other sources of ignition. They may explode and cause injury or death. See section 10 for incompatible materials. Do not store above 120 degrees F.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Chemical name	OSHA PEL (TWA)	California - PELs	ACGIH OEL (TWA)	NIOSH - TWA
Hexane	500 ppm TWA 1800 mg/m ³ TWA	50 ppm PEL; 180 mg/m ³ PEL 500 ppm PEL (except n-Hexane); 1800 mg/m ³ PEL (except n-Hexane)	50 ppm TWA Skin	50 ppm TWA 180 mg/m ³ TWA
Acetone	1000 ppm TWA 2400 mg/m ³ TWA	500 ppm PEL; 1200 mg/m ³ PEL	250 ppm TWA	250 ppm TWA 590 mg/m ³ TWA
Petroleum gases, liquified, sweetened	-			
Hydrocarbon resin	-			
Diethyl Hydroxylamine	-		2 ppm TWA	
Butylated Hydroxytoluene	-	10 mg/m ³ PEL	2 mg/m ³ TWA	10 mg/m ³ TWA

Appropriate engineering controls

Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. If current ventilation practices are not adequate in maintaining airborne concentrations below the established exposure limits, additional ventilation or exhaust systems may be required.

Individual protection measures, such as personal protective equipment

Eye protection

ANSI approved safety glasses are recommended to prevent accidental eye contact. Wear safety glasses with side shields or goggles.

Skin and body protection	Wear suitable gloves. Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact). Chemical resistant gloves. Nitrile gloves. Neoprene gloves. Long sleeved clothing. Pants.
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment. Use NIOSH-approved air-purifying respirator with organic vapor cartridge or canister, as appropriate.
Hygiene measures	Wash hands after handling the product. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed.

Canadian Province Occupational Exposure Limits

Chemical name	AB	BC	MB	NB	NL	NS	ON	PE	QC	SK
Hexane	50 ppm TWA 176 mg/m ³ TWA	20 ppm TWA	50 ppm TWA	50 ppm TWA 176 mg/m ³ TWA	50 ppm TWA	50 ppm TWA	50 ppm TWA	50 ppm TWA	50 ppm TWA 176 mg/m ³ TWA	50 ppm TWA
Acetone	500 ppm TWA 1200 mg/m ³ TWA	250 ppm TWA	250 ppm TWA	500 ppm TWA 1188 mg/m ³ TWA	250 ppm TWA	250 ppm TWA	250 ppm TWA	250 ppm TWA	500 ppm TWA 1190 mg/m ³ TWA	500 ppm TWA
Petroleum gases, liquified, sweetened	-	-	-	-	-	-	-	-	-	-
Hydrocarbon resin	-	-	-	-	-	-	-	-	-	-
Diethyl Hydroxylamine	-	-	2 ppm TWA	-	2 ppm TWA	2 ppm TWA	2 ppm TWA	2 ppm TWA	-	-
Butylated Hydroxytoluene	10 mg/m ³ TWA	2 mg/m ³ TWA	2 mg/m ³ TWA	10 mg/m ³ TWA	2 mg/m ³ TWA	2 mg/m ³ TWA	2 mg/m ³ TWA	2 mg/m ³ TWA	-	2 mg/m ³ TWA

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Aerosol
Color	Orange
Odor threshold	Not available
pH	No data available
Melting point/range °C	Not available
Melting point/range °F	Not available
Boiling point/range °C	Not available
Boiling point/range °F	No data available
Flash point °C	23
Flash point °F	73
Flash point method used	Not available
Evaporation rate	Slower than ether
Flammability (Solid, Gas)	No data available
Lower explosion limit	No data available
Upper explosion limit	No data available

Vapor pressure	Not available
Vapor density	Not available
Relative density	Not available
Solubility	No information available
Partition coefficient (n-octanol/water)	Not available
Autoignition temperature °C	Not available
Autoignition temperature °F	Not available
Decomposition temperature °C	Not available
Decomposition temperature °F	Not available
Viscosity	No data available

10. STABILITY AND REACTIVITY

Reactivity	Stable under normal conditions.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	None known.
Conditions to avoid	Avoid heat, sparks, and other sources of ignition. Exposure to temperatures above 120F may cause bursting. Dropping of containers may cause bursting.
Incompatible materials	Incompatible with strong acids, alkalis, or oxidizing agents. Reducing agents.
Hazardous decomposition products	Not available.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure	Dermal. Eyes. Ingestion. Inhalation.
Symptoms	May cause eye irritation including redness, tearing, itching, and swollen eyes. Permanent eye damage may result without immediate first aid treatment. Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting. Skin irritation. Exposure may damage liver and kidneys.
Delayed and immediate effects as well as chronic effects from short and long-term exposure	Aspiration hazard. Harmful or fatal if aspirated into the lungs from ingestion or vomiting. May cause damage to organs through prolonged or repeated exposure. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash). The substance may have effects on the central nervous system and peripheral nervous system. This may result in polyneuropathy.

Numerical measures of toxicity

Chemical name	Inhalation LC50:	Dermal LD50:	Oral LD50:
Hexane	48000 ppm (Rat) 4 h	3000 mg/kg (Rabbit)	15000 mg/kg (Rat)
Acetone	50100 mg/m ³ Rat	= 5800 mg/kg Rat	5800 mg/kg (Rat)

Chemical name	Inhalation LC50:	Dermal LD50:	Oral LD50:
		>15700 mg/kg Rabbit	
Petroleum gases, liquified, sweetened	-	-	-
Hydrocarbon resin	-	-	-
Diethyl Hydroxylamine	11.44 mg/L Rat	= 2190 mg/kg Rat 1300 mg/kg Rabbit	2190 mg/kg Rat = 1300 mg/kg Rabbit
Butylated Hydroxytoluene	-	> 2930 mg/kg Rat >2000 mg/kg Rat	>2930 mg/kg Rat > 2000 mg/kg Rat

ATEmix (dermal) Not available

ATEmix (oral) Not available

ATEmix (inhalation-gas) Not available

ATEmix (inhalation-vapor) Not available

ATEmix (inhalation-dust/mist) Not available

Carcinogenicity

Chemical name	ACGIH OEL - Carcinogens	IARC	OSHA Carcinogens	NTP
Hexane	-	-	-	-
Acetone	A4	-	-	-
Petroleum gases, liquified, sweetened	-	-	-	-
Hydrocarbon resin	-	-	-	-
Diethyl Hydroxylamine	-	-	-	-
Butylated Hydroxytoluene	A4	Group 3	-	-

Canadian Province carcinogenicity limits

Chemical name	Alberta - Carcinogen	British Columbia - Carcinogen	Manitoba - Carcinogen	New Brunswick - Carcinogen	Nova Scotia - Carcinogen	Quebec - Carcinogen
Hexane	-	-	-	-	-	-
Acetone	-	-	ACGIH A4	ACGIH A4	ACGIH A4	-
Petroleum gases, liquified, sweetened	-	-	-	-	-	-
Hydrocarbon resin	-	-	-	-	-	-
Diethyl Hydroxylamine	-	-	-	-	-	-
Butylated Hydroxytoluene	-	-	ACGIH A4	ACGIH A4	ACGIH A4	-

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical name	Algae/aquatic plants	Fish LC50
Hexane	-	2.1 - 2.98mg/L Pimephales promelas 96h
Acetone	-	4.74 - 6.33mL/L Oncorhynchus mykiss 96h 6210 - 8120mg/L Pimephales promelas 96h = 8300mg/L Lepomis macrochirus 96h
Petroleum gases,	-	-

Chemical name	Algae/aquatic plants	Fish LC50
liquified, sweetened		
Hydrocarbon resin	-	-
Diethyl Hydroxylamine	-	-
Butylated Hydroxytoluene	=6mg/L Pseudokirchneriella subcapitata 72h >0.42mg/L Desmodesmus subspicatus 72h	= 5mg/L Oryzias latipes 48h

Persistence and degradability No data available.

Bioaccumulation

Chemical name	CAS-No	Partition coefficient (log Kow)	Bioconcentration factor (BCF)
Hexane 110-54-3	110-54-3	-	-
Acetone 67-64-1	67-64-1	-0.24	0.69 species: fish
Petroleum gases, liquified, sweetened 68476-86-8	68476-86-8	<=2.8	-
Hydrocarbon resin PROPRIETARY	PROPRIETARY	-	-
Diethyl Hydroxylamine 3710-84-7	3710-84-7	-	-
Butylated Hydroxytoluene 128-37-0	128-37-0	4.17	230 - 2500 BCF method: OECD 305C

Mobility in soil Not available.

Other adverse effects Harmful to aquatic life with long lasting effects

13. DISPOSAL CONSIDERATIONS

Disposal information Discard container or liner in accordance with federal, state, and local regulations.

Contaminated packaging Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its containers must be disposed of in a safe way. Empty containers or liners may retain some product residues. Do not puncture or incinerate.

14. TRANSPORTATION INFORMATION

Shipping Descriptions

DOT

ID-No	UN1950
Proper shipping name	Aerosols
Hazard Class(es)	2.1
Subsidiary Risk	
Packing group	
Special Provisions	LTD QTY

TDG

ID-No	UN1950
Proper shipping name	Aerosols
Hazard Class(es)	2.1
Packing group	
Special Provisions	LTD QTY

IATA

ID-No	UN1950
Proper shipping name	Aerosols, flammable
Hazard Class(es)	2.1
Subsidiary Risk	
Packing group	
ERG Code	126
Special Provisions	LTD QTY

IMDG/IMO

ID-No	UN1950
Proper shipping name	Aerosols
Hazard Class(es)	2.1
Packing group	
EmS No	F-D, S-U
Special Provisions	LTD QTY

Marine Pollutants

Chemical name	CAS-No	USDOT Marine Pollutant	Canada TDG Marine Pollutant	IMDG Marine Pollutant
Hexane	110-54-3	X	X	X X
Acetone	67-64-1	-	-	-
Petroleum gases, liquified, sweetened	68476-86-8	-	-	-
Hydrocarbon resin	PROPRIETARY	-	-	-
Diethyl Hydroxylamine	3710-84-7	-	-	-
Butylated Hydroxytoluene	128-37-0	-	-	-

Special Precautions

Multi-modal shipping descriptions are provided for informational purposes and do not consider container size. The presence of a shipping description for a particular mode of transport (sea, 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. People loading and unloading dangerous goods must be trained on all of the risks deriving from the substances and on all actions in case of emergency situations.

Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

15. REGULATORY INFORMATION**State regulations****U.S. state Right-to-Know regulations**

Chemical name	CAS-No	Massachusetts - RTK	New Jersey - RTK	Pennsylvania - RTK
Hexane	110-54-3	X	X	X
Acetone	67-64-1	X	X	X
Petroleum gases, liquified, sweetened	68476-86-8	-	-	-
Hydrocarbon resin	PROPRIETARY	-	-	-
Diethyl Hydroxylamine	3710-84-7	-	-	-
Butylated Hydroxytoluene	128-37-0	X	X	X

California Prop. 65

Chemical name	CAS-No	California Prop. 65
Hexane	110-54-3	Male Reproductive
Acetone	67-64-1	-
Petroleum gases, liquified, sweetened	68476-86-8	-
Hydrocarbon resin	PROPRIETARY	-
Diethyl Hydroxylamine	3710-84-7	-
Butylated Hydroxytoluene	128-37-0	-

U.S. Federal Regulations

US EPA SARA 313

Chemical name	CAS-No	CERCLA/SARA Hazardous Substances RQ	SARA 313 - Threshold Values
Hexane	110-54-3	5000 lb 2270 kg	1.0 %
Acetone	67-64-1	5000 lb 2270 kg	-
Petroleum gases, liquified, sweetened	68476-86-8	-	-
Hydrocarbon resin	PROPRIETARY	-	-
Diethyl Hydroxylamine	3710-84-7	-	-
Butylated Hydroxytoluene	128-37-0	-	-

US EPA SARA 311/312
hazardous categorization

Not applicable

TSCA and Canadian Inventories

Chemical name	Inventory - United States - Section 8(b) Inventory (TSCA)	U.S. - TSCA (Toxic Substances Control Act) - Section 12(b) - Export Notification	DSL	NDSL
Hexane	X	X	X	-
Acetone	X	-	X	-
Petroleum gases, liquified, sweetened	X	-	X	-
Hydrocarbon resin	-	-	-	-
Diethyl Hydroxylamine	X	-	X	-
Butylated Hydroxytoluene	X	-	X	-

Legend X - Listed

16. OTHER INFORMATION

NFPA

Health	2
Flammability	3
Instability	1

HMIS

Health	2
Flammability	3
Physical hazards	1
Personal protection	B

Notice: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA).

Prepared by Regulatory Affairs

Issue date 05-Apr-2021

Revision date 07-Mar-2022

Revision note

Key to abbreviations

ACGIH (American Conference of Governmental Industrial Hygienists)
ATE (Average Toxicity Estimate)
DSL/NDSL (Domestic Substance List/Non-Domestic Substance List)
HMIS (Hazardous Materials Identification System)
IARC (International Agency for Research on Cancer)
IATA (International Air Transport Association)
IMDG/IMO (International Maritime Dangerous Goods/International Maritime Organization)
NFPA (National Fire Protection Association)
NTP (National Toxicology Program)
OEL (Occupational Exposure Level)
OSHA (Occupational Safety and Health Administration of the US Department of Labor)
PEL (Permissible Exposure Limit)
TSCA (Toxic Substance Control Act)
USEPA (United States Environmental Protection Agency)

Disclaimer

The information accumulated herein is believed to be accurate, but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.

End of Safety Data Sheet