

Safety Data Sheet: SPRAY BOND PLUS

Supersedes Date 04/22/2013

Issuing Date 05/13/2014

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name SPRAY BOND PLUS

Recommended use Adhesive

Information on Manufacturer

Partsmaster, Div of NCH Corp.

P.O. Box 655326

Dallas, TX 75265-5326

Product Code 60045402

Chemical nature mixture

Emergency Telephone Number

CHEMTREC® 800-424-9300

Telephone inquiry

800-336-0450

2. HAZARD IDENTIFICATION

Color Clear

Physical State Liquid

Odor Solvent

GHS

Classification

Physical Hazards

Flammable aerosols

Category 1

Gases under pressure

Health Hazard

Aspiration Toxicity

Category 1

Acute Oral Toxicity

Category 4

Skin Corrosion/Irritation

Category 2

Serious Eye Damage/Eye Irritation

Category 2

Reproductive Toxicity

Category 2

Specific target organ systemic toxicity (single exposure)

Category 3

Specific target organ systemic toxicity (repeated exposure)

Category 2

Other hazards

None

Labeling

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

H302 - Harmful if swallowed

H315 - Causes skin irritation

H319 - Causes serious eye irritation

H361 - Suspected of damaging fertility or the unborn child

H336 - May cause drowsiness or dizziness

H373 - May cause damage to organs through prolonged or repeated exposure

Precautionary Statements

P201 - Obtain special instructions before use

P202 - Do not handle until all safety precautions have been read and understood

P210 - Keep away from heat, sparks, open flames or hot surfaces.

P211 - Do not spray on an open flame or other ignition source

P260 - Do not breathe vapor, mist or gas.

P271 - Use in a well-ventilated area.

P281 - Use personal protective equipment as required

P280 - Wear protective gloves, protective clothing and eye protection.

P264 - Wash face, hands and any exposed skin thoroughly after handling.

P270 - Do not eat, drink or smoke when using this product

P314 - Get medical attention/advice if you feel unwell

P321 - Specific treatment (see supplemental first aid instructions on this label)

P301+ P310 - IF SWALLOWED: Immediately call a physician

P330 - Rinse mouth

P331 - DO NOT induce vomiting

P302+ P352 - IF ON SKIN: Wash with plenty of soap and water

P362 - Take off contaminated clothing and wash before reuse

P332 + P313 - If skin irritation occurs, get medical attention.

P304 + P340 - IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing.

P311 - Call a POISON CENTER or doctor/physician.

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 attention.

P410 + P403 - Protect from sunlight. Store in a well-ventilated place

P412 - Do not expose to temperatures exceeding 50 °C/122 °F

P403 + P235 - Store in a well-ventilated place. Keep cool
 P405 - Store locked up
 P273 - Avoid release to the environment
 P391 - Collect spillage
 P251 - Pressurized container: Do not pierce or burn, even after use
 P501 - Dispose of contents and container to an approved waste disposal plant.

10 % of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS-No	Weight %
Hexane	110-54-3	15-40
Acetone	67-64-1	15-40
Propane	74-98-6	20-30
Silicon dioxide - hydrated	7631-86-9	7-13
Styrene-butadiene polymer	9003-55-8	5-10

4. FIRST AID MEASURES

General advice	Avoid breathing vapors, mist, or gas. Avoid contact with skin, eyes and clothing. Wash hands thoroughly after handling.
Eye Contact	Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if irritation develops and persists.
Skin Contact	Remove contaminated clothing and shoes. Wash off immediately with plenty of water for at least 15 minutes. Get medical attention if irritation develops and persists. Wash contaminated clothing before re-use.
Inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Ingestion	Rinse mouth.
Notes to physician	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flash Point	0 °F / -18 °C	Method	Seta closed cup
Upper 1.2			Lower 12.8
Suitable Extinguishing Media	Dry chemical. Carbon dioxide (CO2). Water spray.		
Specific hazards arising from the chemical	Solvent vapors are heavier than air and may spread along floors. Vapors may ignite and explode. Material can create slippery conditions.		
Protective Equipment and Precautions for Firefighters	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.		
Aerosol Level (NFPA 30B) -	3		
NFPA	Health 2	Flammability 4	Instability 0
HMIS	Health 2	Flammability 4	Instability 0

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Use personal protective equipment. Prevent further leakage or spillage if safe to do so. Material can create slippery conditions. Remove all sources of ignition. Ensure adequate ventilation.
Environmental Precautions	Do not flush into surface water or sanitary sewer system.
Methods for Containment	Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).
Methods for Cleaning Up	Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).
Neutralizing Agent	Not applicable.

7. HANDLING AND STORAGE

Handling	Keep away from open flames, hot surfaces and sources of ignition. Take precautionary measures against static discharges. Avoid breathing vapors, mist or gas. Avoid contact with skin, eyes and clothing.
Storage	Keep away from open flames, hot surfaces and sources of ignition. Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place.

Storage Temperature	Minimum	30 °F / -1 °C	Maximum	120 °F / 49 °C
Storage Conditions	Indoor	X	Outdoor	
			Heated	Refrigerated

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Component	ACGIH TLV	OSHA PEL	NIOSH
Hexane	TWA: 50 ppm Skin	TWA: 500 ppm TWA: 1800 mg/m ³	1100 ppm TWA: 50 ppm TWA: 180 mg/m ³
Acetone	TWA: 500 ppm STEL: 750 ppm	TWA: 1000 ppm TWA: 2400 mg/m ³	2500 ppm TWA: 250 ppm TWA: 590 mg/m ³
Propane	TWA: 1000 ppm	TWA: 1000 ppm TWA: 1800 mg/m ³	2100 ppm TWA: 1000 ppm TWA: 1800 mg/m ³
Silicon dioxide - hydrated	No data available	No data available	3000 mg/m ³ TWA: 6 mg/m ³
Styrene-butadiene polymer	3 mg/m ³ PNOS	5 mg/m ³ PNOR	No data available

Engineering Measures

Ensure adequate ventilation, especially in confined areas. Use with local exhaust ventilation.

Personal Protective Equipment

Eye/Face Protection

Chemical goggles should be worn when handling .

Skin Protection

Wear suitable protective clothing, Impervious gloves.

Respiratory Protection

In case of inadequate ventilation wear respiratory protection. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

General Hygiene Considerations

Do not eat, drink or smoke when using this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid	Viscosity	Non viscous
Color	Clear	Odor	Solvent
Odor Threshold	Not applicable	Appearance	Transparent
pH	Not applicable	Specific Gravity	.71
Evaporation Rate	<1 (ether = 1)	Percent Volatile (Volume)	No information available
VOC Content (%)	54.52	VOC Content (g/L)	387
Vapor Pressure	No information available	Vapor Density	Heavier than air
Solubility	Insoluble	n-Octanol/Water Partition	No data available
Melting Point/Range	No data available	Decomposition Temperature	No data available
Boiling Point/Range	0 to 156 °F / -17 to 69 °C	Flammability (solid, gas)	No data available
Flash Point	0 °F / -18 °C	Method	Seta closed cup
Autoignition Temperature	No information available.		
Upper 1.2 Lower 12.8			

10. STABILITY AND REACTIVITY

Chemical Stability

Stable. Hazardous polymerization does not occur.

Conditions to Avoid

Keep away from open flames, hot surfaces, and sources of ignition

Incompatible Products

Strong oxidizing agents

Hazardous Decomposition Products

None under normal use

Possibility of Hazardous Reactions

None under normal processing

11. TOXICOLOGICAL INFORMATION

Product Information

The following values are calculated based on chapter 3.1 of the GHS document (Rev. 3, 2009):

Oral LD50	25,000.00
Dermal LD50	6,667.00
Inhalation LC50	
Gas	No information available
Mist	5.00
Vapor	No information available

Principle Route of Exposure

Inhalation, Skin contact, Eye contact.

Primary Routes of Entry

Inhalation, Skin Absorption.

Acute Effects

Eyes	Causes eye irritation.
Skin	Causes skin irritation. Repeated exposure may cause skin dryness or cracking. May be absorbed through the skin in harmful amounts.
Inhalation	Symptoms of overexposure are dizziness, headache, tiredness, nausea, unconsciousness, cessation of breathing. May cause central nervous system depression. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness. Inhalation may cause central nervous system effects.
Ingestion	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration hazard if swallowed - can enter lungs and cause damage. May be fatal if swallowed and enters airways.
Chronic Toxicity	Suspect reproductive hazard - contains material which may injure unborn child.
Target Organ Effects	Central nervous system, Peripheral Nervous System (PNS), Respiratory system.
Aggravated Medical Conditions	Neurological disorders, Central nervous system.

Component Information

Acute Toxicity

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation	Draize Test	Other
Hexane	= 15000 mg/kg (Rat)	= 3000 mg/kg (Rabbit)	= 48000 ppm (Rat) 4 h	no data available	no data available
Acetone	no data available	no data available	= 50100 mg/m ³ (Rat) 8 h	no data available	no data available
Propane	no data available	no data available	= 658 mg/L (Rat) 4 h	no data available	no data available
Silicon dioxide - hydrated	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 2.2 mg/L (Rat) 1 h	no data available	no data available
Styrene-butadiene polymer	no data available	no data available	no data available	no data available	no data available

Component	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
Hexane	no data available	no data available	no data available	yes	eyes, CNS, respiratory system, auditory system, skin, PNS, heart
Acetone	no data available	no data available	no data available	no data available	eyes, CNS, respiratory system, skin
Propane	no data available	no data available	no data available	no data available	CNS, heart
Silicon dioxide - hydrated	no data available	no data available	no data available	no data available	eyes, respiratory system
Styrene-butadiene polymer	no data available	no data available	no data available	no data available	no data available

Carcinogenicity

There are no known carcinogenic chemicals in this product.

Component	ACGIH	IARC	NTP	OSHA	Other
Hexane	not applicable	not applicable	not applicable	not applicable	not applicable
Acetone	not applicable	not applicable	not applicable	not applicable	not applicable
Propane	not applicable	not applicable	not applicable	not applicable	not applicable
Silicon dioxide - hydrated	not applicable	Group 3	not applicable	not applicable	not applicable
Styrene-butadiene polymer	not applicable	Group 3	not applicable	not applicable	not applicable

12. ECOLOGICAL INFORMATION

Product Information

No information available.

Component Information

Component	Toxicity to Algae	Toxicity to Fish	Microtox	Water Flea	log Pow
Hexane	no data available	LC50 2.1 - 2.98 mg/L Pimephales promelas 96 h	no data available	EC50 1000 mg/L Daphnia magna 24 h	N/A
Acetone	no data available	LC50 4.74 - 6.33 mL/L Oncorhynchus mykiss 96 h LC50 6210 - 8120 mg/L Pimephales promelas 96 h LC50 = 8300 mg/L Lepomis macrochirus 96 h	EC50 = 14500 mg/L 15 min	EC50 10294 - 17704 mg/L Daphnia magna 48 h EC50 12600 - 12700 mg/L Daphnia magna 48 h	-0.24
Propane	no data available	no data available	no data available	no data available	2.3
Silicon dioxide - hydrated	EC50 = 440 mg/L Pseudokirchneriella subcapitata 72 h	LC50 = 5000 mg/L Brachydanio rerio 96 h	no data available	EC50 7600 mg/L Ceriodaphnia dubia 48 h	N/A
Styrene-butadiene polymer	no data available	no data available	no data available	no data available	N/A

Persistence and Degradability

No information available.

Bioaccumulation

No information available.

Mobility

No information available.

13. DISPOSAL CONSIDERATIONS

Product Disposal

Dispose of in accordance with local regulations.

Container Disposal

Empty containers should be taken for local recycling, recovery, or waste disposal.

14. TRANSPORT INFORMATION

DOT	Proper Shipping Name	DOT
	Hazard Class	Consumer commodity
	Description	ORM-D
		Consumer commodity ,ORM-D
TDG	Proper shipping name	Aerosols
	Hazard Class	2.1
	UN-No	UN1950
ICAO	Shipping Description	Do Not Ship Air
IATA	Shipping Description	Do Not Ship Air
IMDG/IMO	Proper Shipping Name	Aerosols
	Hazard Class	2.1
	UN-No	UN1950
	EmS No.	F-D, S-U
	Shipping Description	UN1950, Aerosols,2.1, LTD QTY

15. REGULATORY INFORMATION

Inventories

TSCA	Complies
DSL	Complies

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Component	CAS-No	Weight %	SARA 313 - Threshold Values
Hexane	110-54-3	15-40	1.0

SARA 311/312 Hazardous Categorization

Acute Health Hazard	Chronic Health Hazard	Fire Hazard	Sudden Release of Pressure Hazard	Reactive Hazard
Yes	Yes	Yes	No	No

CERCLA

Component	Hazardous Substances RQs	CERCLA EHS RQs
Hexane	5000 lb	Not applicable
Acetone	5000 lb	Not applicable
Propane	Not applicable	Not applicable
Silicon dioxide - hydrated	Not applicable	Not applicable
Styrene-butadiene polymer	Not applicable	Not applicable

U.S. State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

16. OTHER INFORMATION

Prepared By	Christopher Drogin
Supersedes Date	04/22/2013
Issuing Date	05/13/2014
Reason for Revision	No information available.
Glossary	No information available.
List of References.	No information available.

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