



SAFETY DATA SHEET

SECTION 1 PRODUCT AND COMPANY INFORMATION

Product Name(s): Bond365™ Adhesive Part B
 Product Code(s): CH-C36.5B
 Uses: Elastomeric material for use in an adhesive.
 Company: Comfort Hoof Care, Inc.
 Address: 420 Commerce Avenue; Baraboo, WI 53913; USA
 Telephone Number: (608) 356-3834 Fax Number: (608) 356-6112
 Emergency Telephone Number: Not available.
 Date Issued: July 10, 2018 Date Revised: October 14, 2019

This SDS complies with the OSHA Hazard Communication Standard 29CFR1910.1200 as revised in May 2012 (GHS). It may not meet requirements in other countries.

SECTION 2 HAZARDS IDENTIFICATION

GHS Classification: **DANGER**
 Reproductive Toxin (Category 1)
 Acute Toxicity – Oral (Category 4)
 Eye Irritation (Category 1)
 Skin Irritation (Category 2)
 Skin Sensitization (Category 1)
 Repeated Exposure (Category 2)
 Aquatic Acute Toxicity (Category 2)
 Aquatic Chronic Toxicity (Category 2)



GHS Hazard Statements: May damage fertility or the unborn child
 Harmful if swallowed
 Causes serious eye damage
 Causes skin irritation
 May cause an allergic skin reaction
 May cause damage to organs through prolonged or repeated exposure
 Toxic to aquatic life with long lasting effects

GHS Precautionary Statements:	<u>Prevention:</u> Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing/eye protection/face protection. Wash hands/skin thoroughly after handling. Do not breathe mist/vapors/spray.	<u>Response:</u> Immediately call a poison center/doctor/hospital. If swallowed: Rinse mouth. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If on skin: Wash with plenty of water/soap. Take off contaminated clothing and wash it
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SECTION 2 HAZARDS IDENTIFICATION

Contaminated work clothing must not be allowed out of the workplace. before reuse.
Collect spillage.

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

Avoid release to the environment.

Storage:

Store locked up.

Disposal:

Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazards Not Otherwise Classified: None.

GHS Assessment: Approximately < 1% of this mixture consists of ingredient(s) of unknown acute toxicity.
Approximately < 1% of the mixture consists of ingredient(s) of unknown hazards to the aquatic environment.

SECTION 3 COMPOSITION / INGREDIENTS

Component	CAS Number	EC Number	Concentration
Arylamine	Proprietary	---	25.0 - 40.0%
Polymeric amine(s)	Proprietary	---	25.0 - 40.0%
Oleic acid	112-80-1	204-007-1	10.0 - 25.0%
Benzenediamine, ar,ar-diethyl-ar-methyl-	68479-98-1	270-877-4	5.0 - 10.0%
Organotin compound	Proprietary	---	0.1 - 0.5%

Other components are either non-hazardous or do not significantly contribute to the hazards of the product.
Trade Secret Claims: Specific chemical identity and/or exact percentage (concentration) of components has been withheld as a trade secret.

SECTION 4 FIRST AID MEASURES

First Aid - Eyes: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention, if irritation develops.

First Aid - Skin: In case of contact, immediately flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention immediately if irritation/rash develops and/or persists. Wash contaminated clothing before reuse.

First Aid - Ingestion: If swallowed and feel unwell, call a physician or poison control center. DO NOT induce vomiting unless directed to do so by a physician or poison control center. If victim is fully conscious, give a cupful of water. Never give anything by mouth to an unconscious person.

First Aid - Inhalation: If respiratory symptoms or other symptoms of exposure develop, move victim away from source of exposure and into fresh air. If symptoms persist, seek immediate medical attention. If victim is not breathing, clear airway and immediately begin artificial respiration. If breathing difficulties develop, oxygen should be administered by qualified personnel. Seek immediate medical attention.

Important Symptoms / Effects – Acute and Tissue inflammation, tissue damage, rash, nausea, difficult breathing.

SECTION 4 FIRST AID MEASURES

Delayed:

Advice to Physician: Treat symptomatically.

SECTION 5 FIRE FIGHTING MEASURES

Extinguishing Media: Treat surrounding material. Water spray, dry chemical, carbon dioxide, or foam is recommended. Carbon dioxide can displace oxygen. Use caution when applying carbon dioxide in confined spaces.

Specific Hazards: This product is not flammable. This product may give rise to hazardous vapors in a fire. Vapors/fumes may be irritating, corrosive and/or toxic.

Protective equipment and procedures for fire-fighters. Wear full protective clothing and self-contained breathing apparatus.

Additional Advice: None.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Spill Procedures: Small spills: Wipe up spills with an absorbent towel/material and transfer into suitable containers for recovery or disposal. Finally flush area with water.

Large spills: Contain spilled material if possible. Pump into suitable and properly labeled containers.

Personal Precautions: Wear suitable protective clothing and equipment.

Environmental Precautions: Prevent the material from entering drains or water courses. Do not discharge directly to a water source. Advise Authorities if spillage has entered watercourse or sewer or has contaminated soil or vegetation.

SECTION 7 HANDLING AND STORAGE

Handling: Wear appropriate personal protection (See Section 8) when handling this material. The work area must be equipped with a safety shower and eye wash station. If exposed to the liquid, avoid contact with skin and eyes. Wash thoroughly after handling. Avoid breathing vapors, mists or sprays. Use in a well-ventilated area.

Storage: Keep container(s) tightly closed. Use and store this material at temperatures below 25°C (77°F) away from moisture, heat, direct sunlight and hot metal surfaces. Keep from freezing. Keep away from any incompatible materials (see Section 10).

Additional Advice: Store in original container. Store as directed by the manufacturer.

SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

Occupational Exposure Standards: Exposure limits are listed below, if they exist.

Arylamine: None.

Polymeric amine(s): None.

Oleic acid: None.

Benzenediamine, ar,ar-diethyl-ar-methyl-: Manufacturer REL: 0.1 mg/m³ TWA.

Organotin compound: (as organic tin compounds)
ACGIH PEL: 0.1 mg/m³ TWA.
ACGIH PEL: 0.2 mg/m³ STEL.

SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

	OSHA PEL: 0.1 mg/m ³ . NIOSH REL: 0.1 mg/m ³ .
Engineering Control Measures:	Engineering methods to prevent or control exposure are preferred. Methods include process or personnel enclosure, mechanical ventilation (local exhaust), and control of process conditions.
Respiratory Protection:	A NIOSH certified self-contained breathing apparatus or air purifying respirator with an organic cartridge may be used under conditions where airborne concentrations are expected to exceed exposure limits.
Hand Protection:	The use of gloves impervious to the specific material handled is advised to prevent skin contact, possible irritation and skin damage (see glove manufacturer literature for information on permeability).
Eye Protection:	Approved eye protection (safety glasses with side-shields or goggles) to safeguard against potential eye contact, irritation, or injury is recommended. Depending on conditions of use, a face shield may be necessary.
Body Protection:	Impervious clothing should be worn as needed to prevent skin contact.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Color:	Clear, Blue, Orange or Red
Odor:	Ammoniacal, amine-like
Odor Threshold:	Not available.
pH:	Not available.
Melting Point/Range (°C/°F):	Not available.
Boiling Point/Range (°C/°F):	> 180°C / 256.0°F
Flash Point (PMCC) (°C/°F):	> 113°C / 235.4°F
Evaporation Rate:	Not available.
Flammability / Explosivity Limits in Air (%):	Not available.
Vapor Pressure:	0.3 mmHg (20°C)
Vapor Density (Air = 1):	Heavier than air.
Relative Density:	1.03 (23.9°C)
Solubility in Water:	Partly soluble.
Partition Coefficient:	Not available.
Autoignition Temperature (°C/°F):	> 300°C / 572.0°F
Decomposition Temperature (°C/°F):	Not available.
Viscosity:	Not available.
Explosive Properties:	None.
Oxidizing Properties:	None.
Volatile Organic Content (VOC) (g/l):	ca. 610 - 650 g/l (as defined by 40CFR51.100)

SECTION 10 STABILITY AND REACTIVITY

Reactivity:	Product will not undergo additional reaction on its own.
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SECTION 10 STABILITY AND REACTIVITY

Stability:	Stable under normal storage conditions.
Hazardous Polymerization:	Will not occur.
Conditions to Avoid:	Contact with incompatible materials, excessive heat.
Incompatibilities:	Strong oxidizers, strong acids, moisture.
Hazardous Decomposition Products:	Oxides of carbon, oxides of nitrogen, oxides of sulfur, amines, metal oxides, aliphatic and aromatic compounds, toxic by-products.

SECTION 11 TOXICOLOGICAL INFORMATION

If available, toxicity data for the product is given; otherwise component data is listed.

Acute Toxicity:	This product may be harmful, if swallowed. (Arylamine) Oral LD50 (rat) 1515 mg/kg; Dermal LD50 (rabbit) > 2000 mg/kg (Polymeric amine(s)) Oral LD50 (rat) > 2500 mg/kg; Dermal LD50 (rabbit) > 5000 mg/kg (Oleic acid) Oral LD50 (rat) 74 g/kg; Dermal LD50 (guinea pig) > 3000 mg/kg (Benzenediamine, ar,ar-diethyl-ar-methyl-) Oral LD50 (rat) ca. 738 mg/kg; Dermal LD50 (rat) > 2000 mg/kg (Organotin compound) Oral LD50 (rat) 510 mg/kg
Skin Corrosion / Irritation:	The product may be irritating to the skin. (Arylamine) Non-irritating to skin (rabbit). (Polymeric amine(s)) May cause skin irritation. (Oleic acid) No data. (Benzenediamine, ar,ar-diethyl-ar-methyl-) Non-irritating to skin (rabbit). (Organotin compound) Severe skin irritant.
Serious Eye Damage / Irritation:	The product may be severely irritating to the eyes with possible damage. (Arylamine) Slightly irritating to eye (rabbit). (Polymeric amine(s)) May cause damage to eye. (Oleic acid) Slightly irritating to eye (rabbits). (Benzenediamine, ar,ar-diethyl-ar-methyl-) Irritating to eye (rabbit). (Organotin compound) Severe eye irritant.
Respiratory or Skin Sensitization:	The product may be dermally sensitizing. (Arylamine) Dermally sensitizing (guinea pig). (Polymeric amine(s)) Dermally sensitizing (mouse). (Oleic acid) No data. (Benzenediamine, ar,ar-diethyl-ar-methyl-) Not dermally sensitizing (guinea pig). (Organotin compound) No data.
Mutagenicity:	This product may be mutagenic. Insufficient information for classification. (Arylamine) Equivocal results (Ames test: negative without metabolic activation; positive with metabolic activation). (Polymeric amine(s)) Not mutagenic (Ames test). (Oleic acid) Not mutagenic (Ames test and DNA damage and repair assay). (Benzenediamine, ar,ar-diethyl-ar-methyl-) Equivocal results (in vitro mammalian chromosome aberration test and mammalian cell gene mutation assay). Not mutagenic (micronucleus assay). (Organotin compound) Suspected of causing genetic effects.
Carcinogenicity:	This product is not expected to be carcinogenic. (Arylamine) No data. (Polymeric amine(s)) No data. (Oleic acid) Incidence of tumors did not increase in mice injected with 25 mg/kg twice weekly for 15-16 weeks. (Benzenediamine, ar,ar-diethyl-ar-methyl-) In a 2 -year carcinogenicity study

SECTION 11 TOXICOLOGICAL INFORMATION

	(rat by oral administration), adenomas were observed in the liver, thyroid and mammary glands; however, these effects were accompanied by a significant weight reduction of the animals during the study. (Organotin compound) No data.
Reproductive / Developmental Toxicity:	This product may be reproductively or developmentally harmful. (Arylamine) No data. (Polymeric amine(s)) No data. (Oleic acid) No data. (Benzenediamine, ar,ar-diethyl-ar-methyl-) In orally-dosed rats exposed during gestation at up to 20.45 mg/kg/day, the effects observed were regarded as secondary to maternal toxicity. (Organotin compound) Similar compounds have shown reproductive effects in laboratory animals.
Chronic/Subchronic Toxicity: Specific Target Organ/Systemic Toxicity – Single Exposure:	(Arylamine) No data. (Polymeric amine(s)) No data. (Oleic acid) No data. (Benzenediamine, ar,ar-diethyl-ar-methyl-) No data. (Organotin compound) No data.
Chronic/Subchronic Toxicity: Specific Target Organ/Systemic Toxicity – Repeated Exposure:	(Arylamine) In a 28-day oral study with rats there were no significant toxicological effects up to 400 mg/kg/day. (Polymeric amine(s)) No data. (Oleic acid) No data. (Benzenediamine, ar,ar-diethyl-ar-methyl-) In a 90-day oral study in rats, there were effects noted to the liver, kidney and pancreas. (Organotin compound) No data.
Aspiration Hazard:	This product does not pose an appreciable aspiration hazard.
Additional Information:	None.

SECTION 12 ECOLOGICAL INFORMATION

If available, ecological data for the product is given; otherwise component data is listed.

Acute Ecotoxicity:	This product may be toxic to aquatic species. (Arylamine) LC50 (Rainbow trout) 16.9 mg/l/96 hr; EC50 (Daphnia magna) 0.9 mg/l/48 hr; EC50 (algae) 3.3 – 4.8 mg/l/72 hr. (Polymeric amine(s)) LC50 (fish) 68 mg/l/96 hr. (Oleic acid) LC50 (fathead minnow) 205 mg/l/96 hr. (Benzenediamine, ar,ar-diethyl-ar-methyl-) LC50 (Ide) 200 mg/l/48 hr; EC50 (Daphnia magna) 0.5 mg/l/48 hr; ErC50 (algae) ca. 104 mg/l/72 hr. (Organotin compound) No data.
Mobility:	(Arylamine) No data. (Polymeric amine(s)) No data. (Oleic acid) No data. (Benzenediamine, ar,ar-diethyl-ar-methyl-) No data. (Organotin compound) No data.
Persistence/Degradability:	(Arylamine) Not readily biodegradable (2% in 28 days). (Polymeric amine(s)) Not readily biodegradable (< 5% in 28 days). (Oleic acid) Biodegradation half-life in soil is estimated to be approximately 30 days. (Benzenediamine, ar,ar-diethyl-ar-methyl-) Not readily biodegradable (< 1% in 28 days). (Organotin compound) No data.
Bioaccumulation:	(Arylamine) No data. (Polymeric amine(s)) No data.

SECTION 12 ECOLOGICAL INFORMATION

(Oleic acid) An estimated BCF of 56 suggests the potential for bioconcentration in aquatic organisms is low.
 (Benzenediamine, ar,ar-diethyl-ar-methyl-) No data.
 (Organotin compound) No data.

Other adverse effects: None.

SECTION 13 DISPOSAL CONSIDERATION

Environmental precautions: Prevent the material from entering drains or water courses. Do not discharge directly to a water source. Advise Authorities if spillage has entered watercourse or sewer or has contaminated soil or vegetation.

Product Disposal: Dispose in accordance with all local, state (provincial), and federal regulations. Under RCRA, it is the responsibility of the product's user to determine at the time of disposal, whether the product meets RCRA criteria for hazardous waste. This is because the product uses, transformations, mixtures, processes, etc. may render the resulting materials hazardous.

Container Disposal: Do not remove label until container is thoroughly cleaned. Empty containers may contain hazardous residues. This material and its container must be disposed of in a safe way.

SECTION 14 TRANSPORT INFORMATION

DOT (US):

Proper Shipping Name: Environmentally hazardous substances, liquid, n.o.s. (Arylamine, Benzenediamine, ar,ar-diethyl-ar-methyl-)
 Not regulated (inner packaging quantity less than or equal to 5 liters)

UN Number: UN3082

Class: 9

Packaging Group: III

Reportable Quantity: None.

Marine Pollutant: This product does not contain a listed marine pollutant; however, this product will meet the criteria of a marine pollutant under the IMDG Code.

IATA:

Proper Shipping Name: Environmentally hazardous substances, liquid, n.o.s. (Arylamine, Benzenediamine, ar,ar-diethyl-ar-methyl-)
 Not regulated (inner packaging quantity less than or equal to 5 liters)

UN Number: UN3082

Class: 9

Packing Group: III

IMDG:

Proper Shipping Name: Environmentally hazardous substances, liquid, n.o.s. (Arylamine, Benzenediamine, ar,ar-diethyl-ar-methyl-)
 Not regulated (inner packaging quantity less than or equal to 5 liters)

UN Number: UN3082

Class: 9

SECTION 14 TRANSPORT INFORMATION

Packing Group:	III
Marine Pollutant:	This product does not contain a listed marine pollutant; however, this product will meet the criteria of a marine pollutant under the IMDG Code.

Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations.

SECTION 15 REGULATORY INFORMATION

US Toxic Substance Control Act:	All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.
Canadian Domestic Substance List:	One or more components of this product are not listed on the Canadian Domestic Substance List. Limited quantities may be permitted.
EU REACH:	One or more components of this product have not been pre-listed, registered or are exempt under REACH. Limited quantities may be permitted.
TSCA Sec.12(b) Export Notification:	This product does not contain a chemical at or above de minimis concentrations which requires reporting.
Canadian WHMIS Classification:	D.2.A, D.2.B This product has been classified in accordance with the hazard criteria of the CPR and the SDS contains all of the information required by the CPR.
Massachusetts Right-To-Know:	This product does not contain materials subject to disclosure under the Massachusetts Right-To-Know Law.
New Jersey Right-To-Know:	This product does not contain materials subject to disclosure under the New Jersey Right-To-Know Law.
Pennsylvania Right-To-Know:	This product contains materials subject to disclosure under the Pennsylvania Right-To-Know Law: - Oleic acid
California Proposition 65:	This product does not contain materials which the State of California has found to cause cancer, birth defects or other reproductive harm.
SARA TITLE III-Section 311/312 Categorization (40 CFR 370):	Immediate (acute), delayed (chronic) hazard (as of 2018, the EPA has adopted GHS hazard classifications)
SARA TITLE III-Section 313 (40 CFR 372):	This product does not contain materials which are listed in Section 313 at or above de minimis concentrations.
CERCLA Hazardous Substance (40 CFR 302)	This product does not contain materials subject to reporting under CERCLA and Section 304 of EPCRA.
Water Hazard Class (WGK):	This product is water-endangering (WGK=2).
Other Chemical Inventories:	Australia (AICS): All components of this product are listed. China (IECSC): All components of this product are listed. Japan (ENCS): One or more component(s) are not listed. Korea (KCI): All components of this product are listed. New Zealand (NZIoC): One or more component(s) are not listed. Philippines (PICCS): One or more component(s) are not listed.

SECTION 15 REGULATORY INFORMATION

Taiwan (TCSI): All components of this product are listed.

SECTION 16 OTHER INFORMATION

NFPA Rating - HEALTH: 3
 NFPA Rating - FIRE: 1
 NFPA Rating - REACTIVITY: 1
 NFPA Rating - SPECIAL: NONE
 SDS Date Issued: July 10, 2018
 SDS Current Version: 1.2 Version Date: October 14, 2019
 SDS Revision History: v1.0 Initial version.
 v1.1 Added trademark symbol to product name (Section 1). Removed TSCA 12(b) Export Notification due to sunset date (Section 15).
 v1.2 Updated Taiwan Inventory status (Section 15).

Abbreviations: GHS: Globally Harmonized System of Classification and Labeling of Chemicals
 CAS#: Chemical Abstract Services Number
 ACGIH: American Conference of Governmental Industrial Hygienists
 OSHA: Occupational Safety and Health Administration
 NFPA: National Fire Protection Association
 DOT: US Department of Transportation
 RCRA: US Resource Conservation and Recovery Act
 TLV: Threshold Limit Value
 TWA: Time-Weighted Average
 PEL: Permissible Exposure Limit
 STEL: Short Term Exposure Limit
 WEEL: Workplace Environmental Exposure Levels
 AIHA: American Industrial Hygiene Association
 NTP: National Toxicology Program
 IARC: International Agency for Research on Cancer
 LD50: Lethal Dose 50%
 LC50: Lethal Concentration 50%
 NOAEL: No Observed Adverse Effect Level
 NOEL: No Observed Effect Level
 EC50: Effective Concentration 50%
 LL50: Lethal Loading Rate 50%
 BCF: Bioconcentration Factor
 BOD: Biological Oxygen Demand
 Koc: Soil Organic Carbon Partition Coefficient.
 T_{im}: Median Tolerance Limit

Key References: United States National Library of Medicine's TOXNET
 Patty's Toxicology, 5th Edition
 European Commission's Institute for Health and Consumer Protection
 American Conference of Governmental Industrial Hygienists
 International Agency for Research on Cancer
 United States National Toxicology Program
 United States Occupational Safety and Health Administration
 United States Department of Transportation
 Supplier Material Safety Data Sheets

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SECTION 16 OTHER INFORMATION

company and its agents disclaim all liability for any action taken or foregone on reliance upon such data.

Prepared by:

ChemOne Compliance, LLC