

SAFETY DATA SHEET

This SDS complies with 29 CFR 1910.1200 (OSHA Hazard Communication Standard) and Canadian WHMIS Regulations.

IMPORTANT: Read this SDS before handling and disposing of this product.

Pass this information on to employees, customers, and users of this product.

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identity: BT Primer (0618_2020)

Intended Use: Primer for water-proofing applications

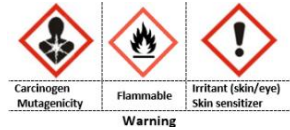
Manufacturer:	Protecto Wrap Company	Telephone:	(303) 777-3001
	1955 South Cherokee Street	Fax:	(303) 777-9273
	Denver, CO 80223	Internet:	www.protectowrap.com

Emergency Phone: ChemTel: Domestic 800-255-3924, International 813-248-0585, Mexico 800-099-0731

Prepared by: Protecto Wrap Company, 1955 S Cherokee St., Denver, CO 80223 (800) 759-9727

2. HAZARDS IDENTIFICATION

This product is a water-white liquid with a ketone odor. May cause eye and skin irritation. Inhalation of vapors or mist may cause respiratory irritation and central nervous system effects such as headache, dizziness, drowsiness, nausea, and unconsciousness. Prolonged and/or repeated overexposure may cause liver, kidney, and nervous system damage.



3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Component	Hazardous Sub-Component	CAS No.	Amount	Exposure Limit
Acetone		67-64-1	20-30%	1000 ppm PEL, 500 ppm TLV-TWA, 750 ppm TLV-STEL
Rubber Solvent	n-hexane	110-54-3	10-30%	50 ppm TLV-TWA, 500 ppm PEL, 1800 mg/m ³ PEL-TWA
	Hexane, other isomers	various	10-30%	500 ppm TLV-TWA, 1000 ppm STEL
	C7-C8 Alkanes	Mixture	10-30%	
	Heptane	142-82-5	7-13%	
	Methylcyclopentane	96-37-7	7-13%	
	Toluene	108-88-3	3-7%	
	C9-C15 Alkanes	Mixture	1-5%	
	C7-C8 Cycloalkanes	Mixture	1-5%	
	Cyclohexane	110-82-7	1-5%	
	C9-C15 Cycloalkanes	Mixture	1-5%	
Toluene		108-88-3	10-20%	200 ppm PEL, 50 ppm TLV-TWA skin

4. FIRST AID MEASURES

EYE: First check victim for contact lenses and remove if present. Flush victim's eyes with large quantities of water, holding the eyelids apart. Get medical attention.

SKIN: Remove contaminated clothing and launder before re-use. Wash skin thoroughly with soap and water. If rash or irritation develop, get medical attention. (Discard contaminated shoes)

INGESTION: If conscious, rinse mouth with water. Never give anything by mouth to an unconscious or convulsing person.

DO NOT induce vomiting unless directed by medical personnel. Get medical attention.

INHALATION: If symptoms of exposure develop, remove victim to fresh air. If breathing is difficult or symptoms persist, get immediate medical attention.

5. FIRE FIGHTING MEASURES

Extinguishing Media: Use carbon dioxide, universal foam, dry chemical, or water fog. Do not use water stream. Use water to cool exposed containers and structures

Unusual Fire or Explosion Hazards: Flammable forming explosive mixtures with air. Vapors (heavier than air) travel surfaces to remote ignition sources and flash back. Closed containers may explode if exposed to extreme heat

Special Fire-Fighting Instructions: Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing. Do not allow run-off from firefighting to enter drains or water courses

Hazardous Combustion Products: Oxides of carbon and nitrogen, acrolein, ketones, benzaldehydes, and aldehydes

Explosion Data (sensitivity to mechanical impact or static discharge): Flammable vapors may be ignited by static spark. Electrically bond and ground containers for product transfer

6. ACCIDENTAL RELEASE MEASURES

Wear appropriate protective clothing (see Section 8). Pick up/place in appropriate container for disposal. Allow product to cool before picking or scraping up. Report releases as required by local, state, and federal authorities.

7. HANDLING AND STORAGE

HANDLING: Avoid contact with the eyes, skin, and clothing. Avoid breathing vapors. Wear protective clothing and equipment as described in Section 8. Use only with adequate ventilation. Wash thoroughly with soap and water after handling. Keep containers closed when not in use. Keep product away from heat, sparks, flames, and all other sources of ignition. Do not permit smoking in use or storage areas. Use with non-sparking tools and explosion proof equipment. Electrically bond and ground containers for transfer

Do not cut, drill, grind, or weld on or near containers, even empty containers. Empty containers retain product residues can be hazardous. Follow all SDS precautions when handling empty containers.

STORAGE: Store in accordance with regulations for the storage of flammable liquids. Do not store above 49°C (120°F). Store in a dry, well ventilated area away from heat, direct sunlight, and all sources of ignition. Store away from oxidizers and acids

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE GUIDELINES: Refer to Section 3

ENGINEERING CONTROLS: Use with adequate local exhaust ventilation to maintain exposures below the occupational exposure limits. Use explosion proof equipment.

RESPIRATORY PROTECTION: If the exposure limits are exceeded a NIOSH approved respirator appropriate for the form and concentration of the contaminants should be used. Selection and use of respiratory equipment must be in accordance with OSHA 1910.134 and good industrial hygiene practice.

SKIN PROTECTION: Avoid skin contact. Wear impervious gloves such as Teflon or Viton.

EYE PROTECTION: Safety glasses goggles should be worn. Contact lenses are not recommended

OTHER: Impervious clothing as needed to prevent contact. A safety shower/eye wash should be available

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Odor	water-white liquid with a ketone odor	Octanol/Water Coefficient	No data available
Auto Ignition	852°F (Acetone)	pH	Not applicable
Boiling Point	56.5°C (133°F) (acetone)	Relative Density	Not applicable
Bulk Density	6.80 lbs./gal	Solubility in Water	Partially
Decomposition Temperature	Not applicable	Specific Gravity	>1.0
Evaporation Rate	11.6 (acetone) (n-butyl acetate=1), 3.3 (toluene)	Vapor Density	Not applicable
Flammability	Liquids & vapors are flammable	Vapor Pressure	0.87 gm/cm ³
Flammable Limits	LEL: 1.1% Toluene; UEL: 12.8% Acetone	Viscosity	Not applicable
Flash Point	<41°F (5°C) PMCC	VOC Content	341 g/liter
Melting Point	Not Applicable	Odor Threshold(s)	Acetone: 62 ppm; toluene 1.6ppm

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal storage and handling conditions.

INCOMPATIBILITY: Strong acids and oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon and nitrogen, ketones, aldehydes

HAZARDOUS POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL INFORMATION

INGESTION: Ingestion may cause mucous membrane and gastrointestinal irritation and nervous system depression with symptoms of headache, dizziness, nausea, narcosis, and unconsciousness. Aspiration into the lungs during ingestion or vomiting may cause serious lung damage which may be fatal.

INHALATION: Inhalation of vapors may cause mucous membrane and respiratory irritation and central nervous system depression with symptoms of headache, dizziness, nausea, vomiting, disorientation, stupor and unconscious. Severe overexposures may cause respiration depression and death.

EYE: Contact may cause irritation.

SKIN: Repeated or prolonged contact may cause irritation, drying and defatting. The liquid may be absorbed through the skin causing effects similar to those described under inhalation and ingestion.

SENSITIZATION: This product is not expected to cause sensitization.

CHRONIC/CARCINOGENICITY: Prolonged occupational overexposure may cause cardiac sensitization, effects on hearing, and damage to nervous system, blood system, liver, and kidneys. Prolonged intentional Toluene abuse may damage organ systems including central /peripheral nervous systems, vision, hearing, liver, kidneys, heart, and blood. Such abuse has been associated with brain damage characterized by disturbances in gait, personality changes

and loss of memory. Toluene has been found to cause adverse reproductive effects and/or birth defects in studies with laboratory animals. No ingredient at greater than 0.1% is listed as a carcinogen by NTP, IARC, or OSHA.

MUTAGENICITY: Acetone and toluene have tested positive for mutagenicity in some test systems.

SYNERGISTIC PRODUCTS: None specifically known. Products containing chemicals that effect the same target organ systems would be expected to have synergistic effects; for example, other solvent containing products.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Employees with pre-existing skin, liver and kidney disease may be at increased risk from exposure.

ACUTE TOXICITY VALUES:

Acetone	Oral Rat LD50 - 5800 mg/kg	n-hexane	LC50 – Rat – 48,000 ppm/4 hr.
	Inhalation Rat LC50 - 50,100 mg/m ³		LD50 – Rat – 15,850 mg/kg
Toluene	Oral Rat LD50 - 636 mg/kg	Hexane, other	LC50 – Rat – 48,000 ppm/4 hr.
	Inhalation Rat LC50 - 49 g/m ³ /4 hr.	isomers, Hexane	LD50 – Rabbit - >2000 mg/kg
	Skin Rabbit LD50 – 14100 uL/kg	Cyclohexane	

12. ECOLOGICAL INFORMATION (non-mandatory)

No ecotoxicity data is available for this product currently

13. DISPOSAL CONSIDERATIONS (non-mandatory)

Dispose in accordance with local, state, and federal environmental regulations.

14. TRANSPORT INFORMATION (non-mandatory)

DOT HAZARDOUS MATERIALS DESCRIPTION

Proper Shipping Name:	Paint Related Material (Contains Toluene, Acetone and Rubber Solvent)	Hazard Class/Packing Group:	3, PG II
UN Number:	UN1263	Labels Required:	Flammable Liquid
North American Emergency Response Guidebook Number		128	Paint, Flammable

Note: If >5000 pounds of this product in a single container, RQ requirements apply

15. REGULATORY INFORMATION (non-mandatory)

CERCLA / SUPERFUND This product has a Reportable Quantity (RQ) of 5000 lbs. based on the RQ for Toluene of 1000 lbs. Releases above the RQ must be reported to the National Response Center. Many states have more stringent release reporting requirements. Report spills required under federal, state, and local regulations.

SARA Hazard Category (311/312) Acute Health, Chronic Health, Fire Hazard

SARA 313 Information This product contains the following chemicals subject to Annual Release Reporting Requirements Under SARA Title III, Section 313 (40 CFR 372): Toluene, 108-88-3, 10-20%

EPA TSCA Inventory All listed ingredients in this product are on the EPA TSCA Inventory

California Proposition 65 This product contains the following chemicals known to the State of California to cause cancer, developmental toxicity (birth defects), or male reproductive toxicity Toluene (10-20%), Benzene (>0.1%)

Canada This product has been classified under the CPR. This SDS discloses information elements required by the CPR.

Canadian WHMIS Classification Class B Division 2 (Flammable Liquid); Class D Division 2 Subdivision A (Very Toxic Material Causing other Toxic Effects)

Canadian EPA All components are listed on the Canadian DSL (Domestic Substances List) or Non-DSL.

New Zealand HSNO# 3.1.B, 6.3.B, 6.4.A

Australian NICNAS This chemical can be...imported...for commercial purposes

16. OTHER INFORMATION

NFPA RATING: Health = 2 Fire = 3 Reactivity = 0 **HMIS RATING:** Health = 2¹ Fire = 3 Reactivity = 0

NOTICE- 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 purposes and they assume all risks of their use, handling, and disposal of the product. Users also assume all risks regarding 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.

ⁱ See Section 11 – Toxicological Information