



Safety Data Sheet



Revision Number: 002.6

Issue date: 04/12/2019

1. PRODUCT AND COMPANY IDENTIFICATION

Product name:	TEROSON SB A602B known as A602B	IDH number:	1027773
Product type/use:	Adhesive	Item number:	1027773
Restriction of Use:	None identified	Region:	United States
Company address:	Contact information:		
Henkel Corporation	Telephone: +1 (860) 571-5100		
One Henkel Way	MEDICAL EMERGENCY Phone: Poison Control Center		
Rocky Hill, Connecticut 06067	1-877-671-4608 (toll free) or 1-303-592-1711		
	TRANSPORT EMERGENCY Phone: CHEMTREC		
	1-800-424-9300 (toll free) or 1-703-527-3887		
	Internet: www.henkelna.com		

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

DANGER: HIGHLY FLAMMABLE LIQUID AND VAPOR.
CAUSES SEVERE SKIN BURNS AND EYE DAMAGE.
MAY CAUSE AN ALLERGIC SKIN REACTION.
HARMFUL IF INHALED.
MAY CAUSE ALLERGY OR ASTHMA SYMPTOMS OR BREATHING DIFFICULTIES IF INHALED.
MAY CAUSE DROWSINESS OR DIZZINESS.
MAY CAUSE CANCER.

HAZARD CLASS	HAZARD CATEGORY
FLAMMABLE LIQUID	2
ACUTE TOXICITY INHALATION	4
SKIN CORROSION	1B
SERIOUS EYE DAMAGE	1
RESPIRATORY SENSITIZATION	1
SKIN SENSITIZATION	1
CARCINOGENICITY	1A
SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE	3

PICTOGRAM(S)



Precautionary Statements

Prevention:

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat, sparks, open flames, hot surfaces - no smoking. Keep container tightly closed. No release into water. Use explosion-proof equipment. Use non-sparking tools. Take action to prevent static discharges. Avoid breathing vapors, mist, or spray. Wash affected area thoroughly after handling. Use only outdoors or in a well-ventilated area. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves, clothing, eye and face protection. In case of inadequate ventilation wear respiratory protection.

Response: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or physician. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF exposed or concerned: Get medical attention. If skin irritation or rash occurs: Get medical attention. Wash contaminated clothing before reuse. In case of fire: Use foam, dry chemical or carbon dioxide to extinguish.

Storage: Store in a well-ventilated place. Keep container tightly closed. Store in a well-ventilated place. Keep cool. Store locked up.

Disposal: Dispose of contents and/or container according to Federal, State/Provincial and local governmental regulations.

Classification complies with OSHA Hazard Communication Standard (29 CFR 1910.1200) and is consistent with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

See Section 11 for additional toxicological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Component(s)	CAS Number	Percentage*
2-Propanol	67-63-0	30 - 60
Phenolic resin	9039-25-2	30 - 60
Phenol	108-95-2	1 - 5
Methyl ethyl ketone	78-93-3	1 - 5
o-Cresol	95-48-7	1 - 5
Formaldehyde	50-00-0	0.1 - 1

* Exact percentages may vary or are trade secret. Concentration range is provided to assist users in providing appropriate protections.

4. FIRST AID MEASURES

Inhalation: If mist or vapor of this product is inhaled, remove person immediately to fresh air. Seek medical attention if symptoms develop or persist.

Skin contact: Immediately flush with large quantities of water for at least 15 minutes. Remove contaminated clothing. GET MEDICAL ATTENTION.

Eye contact: In case of contact with the eyes, rinse immediately with plenty of water for 15 minutes, and seek immediate medical attention. Get immediate medical attention.

Ingestion: DO NOT induce vomiting unless directed to do so by medical personnel. Get immediate medical attention.

Symptoms: See Section 11.

5. FIRE FIGHTING MEASURES

Extinguishing media: Use media appropriate for surrounding material.

Special firefighting procedures: Wear self contained breathing apparatus. Wear protective equipment.

Unusual fire or explosion hazards: Formation of toxic gases is possible during heating or in fires.



Hazardous combustion products:

Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

6. ACCIDENTAL RELEASE MEASURES

Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

Environmental precautions:

Prevent further leakage or spillage if safe to do so. Wear appropriate protective equipment and clothing during clean-up.

Clean-up methods:

Absorb spill with inert material. Shovel material into appropriate container for disposal. Dispose of according to Federal, State and local governmental regulations.

7. HANDLING AND STORAGE

Handling:

Keep container closed. Use proper bonding and/or grounding procedures. Do not take internally. Avoid skin and eye contact. Avoid breathing vapors or mists of this product.

Storage:

For safe storage, store between 4 °C (39.2 °F) and 16 °C (60.8 °F)

For information on product shelf life, please review labels on container or check the Technical Data Sheet.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

Hazardous Component(s)	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
2-Propanol	200 ppm TWA 400 ppm STEL	400 ppm (980 mg/m3) PEL	None	None
Phenolic resin	None	None	None	None
Phenol	5 ppm TWA (SKIN)	5 ppm (19 mg/m3) PEL (SKIN)	None	None
Methyl ethyl ketone	200 ppm TWA 300 ppm STEL	200 ppm (590 mg/m3) PEL	None	None
o-Cresol	20 mg/m3 TWA Inhalable fraction and vapor. (SKIN) Inhalable fraction and vapor.	5 ppm (22 mg/m3) PEL (SKIN)	None	None
Formaldehyde	0.3 ppm STEL 0.1 ppm TWA (Respiratory sensitization) (Dermal sensitization)	0.5 ppm OSHA_ACT 0.75 ppm TWA 2 ppm STEL	None	None

Engineering controls:

Work should be done in an adequately ventilated area (i.e., ventilation sufficient to maintain concentrations below one half of the PEL and other relevant standards). Local exhaust ventilation is recommended when general ventilation is not sufficient to control airborne contamination.

Respiratory protection:

If ventilation is not sufficient to effectively prevent buildup of aerosols, mists or vapors, appropriate NIOSH/MSHA respiratory protection must be provided.

Eye/face protection:

Wear chemical goggles; face shield (if splashing is possible).



Skin protection:

Wear impervious gloves for prolonged contact. Gloves should be tested to determine suitability for prolonged contact. Use of impervious apron and boots are recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid
Color:	Natural color
Odor:	Solvent
Odor threshold:	Not available.
pH:	Not determined
Vapor pressure:	Not determined
Boiling point/range:	79 - 81 °C (174.2 - 177.8 °F)
Melting point/ range:	Not determined
Specific gravity:	1.0
Vapor density:	Heavier than air.
Flash point:	-6.7 °C (19.94 °F)
Flammable/Explosive limits - lower:	Not available.
Flammable/Explosive limits - upper:	Not available.
Autoignition temperature:	Not determined
Flammability:	Not applicable
Evaporation rate:	Slower than diethyl ether.
Solubility in water:	Appreciable
Partition coefficient (n-octanol/water):	Not determined
VOC content:	685 g/l (minus exempt solvents and water).
Viscosity:	0 - 1,000 cp
Decomposition temperature:	Not available.

10. STABILITY AND REACTIVITY

Stability:	Normally stable.
Hazardous reactions:	Will not occur.
Hazardous decomposition products:	Smoke. Oxides of carbon.
Incompatible materials:	Strong acids. Strong alkalis.
Reactivity:	Not available.
Conditions to avoid:	Avoid excessive heat (>46°C (>115°F)) and sources of ignition.

11. TOXICOLOGICAL INFORMATION

Relevant routes of exposure: Skin, Inhalation, Eyes



Potential Health Effects/Symptoms

- Inhalation:** May cause severe irritation. May cause central nervous system effects with nausea, dizziness and headache. Contains formaldehyde, which upon inhalation of vapor caused cancer in laboratory animals. May cause sensitization by inhalation.
- Skin contact:** May be harmful or fatal if absorbed through skin. This product is severely irritating to the skin and may cause burns. May cause sensitization by skin contact.
- Eye contact:** This product is severely irritating to the eyes and may cause irreversible damage including burns and blindness.
- Ingestion:** Ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Hazardous Component(s)	LD50s and LC50s	Immediate and Delayed Health Effects
2-Propanol	Oral LD50 (Rat) = 5,045 mg/kg Oral LD50 (Mouse) = 3,600 mg/kg Oral LD50 (Rabbit) = 6,410 mg/kg Oral LD50 (Rat) = 4.7 g/kg Oral LD50 (Mouse) = 4.5 g/kg Oral LD50 (Rabbit) = 8.0 g/kg Oral LD50 (Rabbit) = 5.03 g/kg Dermal LD50 (Rabbit) = 12,800 mg/kg	Allergen, Central nervous system, Irritant
Phenolic resin	None	No Records
Phenol	Oral LD50 (Mouse) = 270 mg/kg Oral LD50 (Rat) = 317 mg/kg Oral LD50 (Rat) = 530 mg/kg Dermal LD50 (Rat) = 669 mg/kg Dermal LD50 (Rabbit) = 850 mg/kg	Blood, Cardiac, Corrosive, Developmental, Eyes, Irritant, Kidney, Liver, Mutagen, Nervous System, Skin, Vascular
Methyl ethyl ketone	Oral LD50 (Mouse) = 670 mg/kg Oral LD50 (Rat) = 2,300 - 3,500 mg/kg Oral LD50 (Rat) = 4,500 - 6,800 mg/kg Dermal LD50 (Rabbit) = > 8,000 mg/kg	Irritant, Central nervous system
o-Cresol	Oral LD50 (Rabbit) = 1,800 mg/kg Oral LD50 (Rat) = 121 mg/kg Oral LD50 (Rabbit) = 940 mg/kg Oral LD50 (Rat) = 1,350 mg/kg Oral LD50 (Mouse) = 344 mg/kg Dermal LD50 (Mouse) = 620 mg/kg Dermal LD50 (Rabbit) = 890 mg/kg Dermal LD50 (Rat) = 620 mg/kg	Blood, Central nervous system, Corrosive, Irritant, Kidney, Liver
Formaldehyde	Oral LD50 (Rat) = 100 mg/kg Oral LD50 (Mouse) = 42 mg/kg Oral LD50 (Rat) = 2,020 mg/kg Oral LD50 (Rat) = 800 mg/kg	Allergen, Behavioral, Central nervous system, Irritant, Liver, Metabolic, Mutagen, Reproductive, Respiratory, Some evidence of carcinogenicity

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
2-Propanol	No	No	No
Phenolic resin	No	No	No
Phenol	No	No	No
Methyl ethyl ketone	No	No	No
o-Cresol	No	No	No
Formaldehyde	Known To Be Human Carcinogen.	Group 1	Yes

12. ECOLOGICAL INFORMATION

Ecological information: Do not empty into drains, soil or bodies of water.



13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal:	Dispose of according to Federal, State and local governmental regulations.
Hazardous waste number:	This product, if discarded, may be characterized as a RCRA corrosive waste, D002. D001: Ignitable. Wastes must be tested using methods described in 40 CFR Part 261 to determine if it meets applicable definitions of hazardous wastes.

14. TRANSPORT INFORMATION

The transport information provided in this section only applies to the material/formulation itself, and is not specific to any package/configuration.

U.S. Department of Transportation Ground (49 CFR)

Proper shipping name:	Adhesives
Hazard class or division:	3
Identification number:	UN 1133
Packing group:	II
DOT Hazardous Substance(s):	o-Cresol, Phenol

International Air Transportation (ICAO/IATA)

Proper shipping name:	Adhesives
Hazard class or division:	3
Identification number:	UN 1133
Packing group:	II

Water Transportation (IMO/IMDG)

Proper shipping name:	ADHESIVES
Hazard class or division:	3
Identification number:	UN 1133
Packing group:	II

15. REGULATORY INFORMATION

United States Regulatory Information

TSCA 8 (b) Inventory Status:	All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.
TSCA 12 (b) Export Notification:	None above reporting de minimis
CERCLA/SARA Section 302 EHS:	Phenol (CAS# 108-95-2). o-Cresol (CAS# 95-48-7). Formaldehyde (CAS# 50-00-0).
CERCLA/SARA Section 311/312:	Immediate Health, Delayed Health, Fire
CERCLA/SARA Section 313:	This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372). Phenol (CAS# 108-95-2). Methyl ethyl ketone (CAS# 78-93-3). o-Cresol (CAS# 95-48-7). Formaldehyde (CAS# 50-00-0).
CERCLA Reportable quantity:	o-Cresol (CAS# 95-48-7) 100 lbs. (45.4 kg) Phenol (CAS# 108-95-2) 1,000 lbs. (454 kg)
California Proposition 65:	This product contains a chemical known in the State of California to cause cancer.

Canada Regulatory Information

CEPA DSL/NDL Status:	All components are listed on or are exempt from listing on the Canadian Domestic Substances List.
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16. OTHER INFORMATION

This safety data sheet contains changes from the previous version in sections: New Safety Data Sheet format.



Prepared by: Regulatory Affairs

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IDH number: 1027773

Product name: TEROSON SB A602B known as A602B

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