

SAFETY DATA SHEET (SDS)

Section 1. Identification

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| Product identifier | Countertop in a Box BONDING PRIMER CLEAR |
| Recommended use and restrictions on use | Countertops |
| Initial supplier identifier | PPI Tech, 2700 W. Cumberland Street, Building 5, Lebanon, PA 17042 |
| Emergency telephone number/restriction on use | CHEMTREC® 1-800-262-8200 |

Section 2. Hazard Identification

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| Classification of hazardous product (name of the category or subcategory of the hazard class) |
| Flammable liquid (Category 4) Acute toxicity oral (Category 4) Aspiration hazard (Category 1) Specific target organ toxicity, repeated exposure (Category 2) |

Information elements (symbols, signal words, hazard statements and precautionary statements of the category/subcategory)



Warning

H227 Combustible liquid
H302 Harmful if swallowed
H304 May be fatal if swallowed and enters airways
H373 May cause damage to organs through prolonged or repeated exposure

Prevention

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources No smoking. P260 Do not breath dust/fume/gas/mist/vapours/spry P264 Wash hands/nails/face/eyes thoroughly after handling. . P270 Do not eat, drink or smoke when using this product P280 Wear gloves/protective clothing/gloves/eye protection/face protection

Response

IF SWALLOWED: P301+ P310 Immediately call a POISON CENTER. P330 Rinse mouth. P331 Do NOT induce vomiting P314 Get medical advice/attention if you feel unwell
IF ON SKIN: P302 + P352 Wash with plenty of water. P314 Get medical advice/attention if you feel unwell
IF INHALED: P304 + P340 Remove person to fresh air and keep comfortable for breathing. P313 Get medical advice/attention
IF IN EYES: P305 + P351 + P338 Rinse cautiously with water. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 If eye irritation persists: Get medical attention.
IN CASE OF FIRE: P370 + P378 Use manufacturer/supplier or the competent authority to specify appropriate media

Storage

P403 Store in a well-ventilated place. P235 Keep cool

Disposal

P501 Dispose of contents/container into safe container in accordance with local, regional or national regulations

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| Other hazards known | None |
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Section 3. Composition/Information on Ingredients

| Chemical name (common name/synonyms) | CAS number or other | Concentration (%)** |
|--------------------------------------|---------------------|---------------------|
| Polypropylène glycol | 25322-69-4 | 0,2 % |
| 2-Butoxyethanol | 111-76-2 | 1% |
| Non dangerous ingredients | --- | > 90% |

*Statement - This safety data sheet provides concentration range(s) instead of the actual concentration(s) considered trade secret(s).

Section 4. First-Aid Measures

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| Inhalation | IF INHALED: if overexposure remove person to fresh air and keep comfortable for breathing. If symptoms persist, get medical attention. |
| Ingestion | IF SWALLOWED: Do not induce vomiting. Rinse mouth thoroughly with water. Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. Do not use mouth-to-mouth method if victim ingested the substance. If symptoms develop, consult a physician. |
| Skin contact | IF ON SKIN: Remove contaminated clothing, wash immediately with soap and water (20 - 30 minutes). In the case of skin irritation, wash off with soap and water; wash contaminated clothing before reuse. Discard items which cannot be decontaminated, including leather articles such as shoes, belts and watchbands, consult a physician if symptoms persist. |
| Eye contact | IF IN EYES, Rinse cautiously with water for several minutes (20 - 30 minutes). Remove contact lenses if present, and flush eyes with water to remove particles; consult a physician if symptoms persist. |
| Most important symptoms and effects (acute or delayed) | Harmful if swallowed; May be fatal if swallowed and enters airways; May cause damage to organs through prolonged or repeated exposure. |



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| Indication of immediate medical attention/special treatment | | In all cases, call a doctor. Do not forget this document. | |
| Section 5. Fire-Fighting Measures | | | |
| Specific hazards of the hazardous product (hazardous combustion products) | | | |
| May include, but are not limited to, CO and CO ₂ . | | | |
| Suitable and unsuitable extinguishing media | | | |
| In case of fire: Use Foam, dry chemicals, CO ₂ ; foam, do not use a water hose stream. | | | |
| Special protective equipment and precautions for fire-fighters | | | |
| Firefighters should wear full protective clothing. Due to potential decomposition of the polymer, firefighters should be equipped with positive pressure self-contained breathing apparatus (SCBA) when fighting all indoor fires and any significant outdoor fires, and should fight fire from an upwind position. | | | |
| Section 6. Accidental Release Measures | | | |
| Personal precautions, protective equipment and emergency procedures | | | |
| Evacuate non-emergency personnel. Isolate the area and prevent access. Control source of the leak. Ensure clean-up is conducted by trained personnel only. All persons dealing with clean-up should wear the appropriate protective equipment (See Section 8). Prevent the spill spread into drains, sewers, water supplies, or soil. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Do not touch or walk through spilled material. | | | |
| Methods and materials for containment and cleaning up | | | |
| Avoid prolonged exposure. Stop leak if you can do it without risk. Do not touch or walk through spilled material. Spill should be contained with inert material and disposed into suitable retaining area. Small volumes of liquid may be contained or absorbed into an appropriate absorbent. Keep away from all watercourses. Do not flush down storm or sanitary sewer. Take precautionary measures against static discharges. Dispose of in accordance with local, provincial and federal regulations. | | | |
| Section 7. Handling and Storage | | | |
| Precautions for safe handling | | | |
| Keep away from heat, hot surfaces, sparks, open flames and other ignition sources No smoking. Do not breath dust/fume/gas/mist/vapours/spry. Wash hands/nails/face/eyes thoroughly after handling. Do not eat, drink or smoke when using this product. Wear gloves/protective clothing/gloves/eye protection/face protection. | | | |
| Conditions for safe storage, including any incompatibilities | | | |
| Store in a cool, well-ventilated area. Keep container closed when not in use. Do not handle or store near open flames, heat or other sources of ignition. Store away from incompatible materials (Section 10). Inspect all incoming containers to make sure they are properly labelled and not damaged. Storage area should be clearly identified, clear of obstruction and accessible only to trained personnel. Inspect periodically for damage or leaks. | | | |
| Section 8. Exposure Controls/Personal Protection | | | |
| Control parameters (biological limit values or exposure limit values and source of those values) | | | |
| Exposure limits: ACGIH – TLV-TWA CAS 111-76-2 : TWA 20ppm. | | | |
| Appropriate engineering controls | | | |
| Use product in well-ventilated areas. Do not spray the product. Local exhaust ventilation system is recommended to maintain concentrations of contaminants below exposure limits. Supply emergency safety/quick-drench shower, eyewash station and washing facilities available in work area and near handling area. Where such systems are not effective, wear suitable personal protection equipment which performs satisfactorily and meets recognized standards. | | | |
| Individual protection measures/personal protective equipment | | | |
| Gloves: Neopren gloves or equivalent; Clothing: Shirts with long sleeves, long pants; Respiratory: Not required if working area is well ventilated. Use a NIOSH approved respirators if the exposure limits are unknown; Equipment: Safety glasses, chemical resistant. Special instructions for protection and hygiene: Wash hands/nails/face thoroughly after handling. Do not eat, drink or smoke when using this product. Practice good personal hygiene after using this material. Remove and wash contaminated work clothing before re-use. Educate and train employees in the safe use and handling of this product. Follow all label instructions. | | | |
| Section 9. Physical and Chemical Properties | | | |
| Appearance, physical state/colour | Liquid | Vapour pressure | Not available |
| Odour | Mild | Vapour density | Not available |
| Odour threshold | Not available | Relative density | Not available |
| pH | Not available | Solubility | Not soluble in water |
| Melting/freezing point | Not available | Partition coefficient - n-octanol/water | Not available |
| Initial boiling point/range | Not applicable | Auto-ignition temperature | Not available |
| Flash point | >100°C/ >212°F | Decomposition temperature | Not available |
| Evaporation rate | Not available | Viscosity | Not applicable |
| Flammability (solids and gases) | Not flammable | VOC | Not available |
| Upper and lower flammability/explosive limits | Not available | Other | None known |
| Section 10. Stability and Reactivity | | | |
| Reactivity | | | |
| Stable under normal conditions. | | | |



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| Chemical stability | |
| Yes, Stable under recommended storage and handling conditions. | |
| Possibility of hazardous reactions | |
| Non under normal conditions of storage and use. | |
| Conditions to avoid (static discharge, shock or vibration) | |
| Excess heat. | |
| Incompatible materials | |
| Strong oxidizing agents. | |
| Hazardous decomposition products | |
| Carbon oxides, organic acids. | |
| Section 11. Toxicological Information | |
| Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact) | |
| Harmful if swallowed; May be fatal if swallowed and enters airways; May cause damage to organs through prolonged or repeated exposure. | |
| Symptoms related to the physical, chemical and toxicological characteristics | |
| No specific information available. | |
| Delayed and immediate effects (chronic effects from short-term and long-term exposure) | |
| Skin Sensitization – May cause allergic skin reaction. Respiratory Sensitization – No data available; Germ Cell Mutagenicity – Animal genetic toxicity studies were negative; Carcinogenicity – Ingredients listed by IARC, ACGIH, NTP or OSHA; Reproductive Toxicity – In animal studies, did not interfere with reproduction; Specific Target Organ Toxicity — Single Exposure – Evaluation of available data suggests that this material is not an STOT-SE toxicant; Specific Target Organ Toxicity — repeated exposures: Not relevant data found; Aspiration Hazard – Based on physical properties, not likely to be an aspiration hazard; Health Hazards Not Otherwise Classified – No data available. | |
| Numerical measures of toxicity (ATE; LD₅₀ & LC₅₀) | |
| Acute Toxicity: CAS 25322-69-4 Oral LD50- Rat 681 mg/kg ; dermal LD50 –Rabbit not irritation. CAS 111-76-2 Oral LD50 -Rat 530 mg/kg; dermal LD50 Rabbit 520mg/kg; inhalation LC50 Rat >10-20 mg/l, 4h; ATE not available in this document. | |
| Section 12. Ecological Information | |
| Ecotoxicity (aquatic and terrestrial information) | |
| No data available | |
| Persistence and degradability | No data available |
| Bioaccumulative potential | Not available. |
| Mobility in soil | Unlikely. |
| Other adverse effects | Unknown. |
| Section 13. Disposal Considerations | |
| Information on safe handling for disposal/methods of disposal/contaminated packaging | |
| Dispose of contents/container into safe container in accordance with local, regional or national regulations. | |
| Section 14. Transport Information | |
| UN number; Proper shipping name; Class(es); Packing group (PG) of the TDG Regulations | |
| Not regulated | |
| UN number; Proper shipping name; Class(es); Packing group (PG) of the IMDG (maritime) | |
| Not regulated | |
| UN number; Proper shipping name; Class(es); Packing group (PG) of the IATA (air) | |
| Not regulated | |
| Special precautions (transport/conveyance) | None |
| Environmental hazards (IMDG or other) | None |
| Bulk transport (usually more than 450 L in capacity) | None |
| Section 15. Regulatory Information | |
| Safety/health regulations specifics | This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR). |
| Environmental regulations specifics | Refer to Section 3 for ingredient(s) of the DSL |
| Safety/health/environmental outside regulations specifics | |
| United States OSHA information: Not hazardous. | |
| United States EPA (Environmental Protection Agency) information: No regulated. Refer to the ingredients listed in Section 3 & Sections 12; 13 & 14. | |
| United States TCSA information: Refer to the ingredients listed in Section 3. | |
| REACH Registration Number: This product is an article and does not require REACH registration. | |
| State of California Proposition 65: Does not contain chemicals known to the State of California to cause cancer or reproductive toxicity. | |
| UN: Does not appear on the Dangerous Goods List. | |
| California Proposition 65: This product does not contain an ingredient known to the State of California to cause cancer or other reproductive harm. | |



Section 16. Other Information

Date of the latest revision of the safety data sheet | April 17, 2021 - version 01

References | Safety Data Sheets from manufacturer/supplier & from Sigma-Aldrich.com & Echa.eurpea.eu

Abbreviations

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| ACGIH | American Conference of Governmental Industrial Hygienists |
| ATE | Acute toxicity estimate |
| CAS | Chemical Abstract Service |
| DSL | Domestic Substance List |
| IARC | International Agency for Research on Cancer |
| IATA | International Air Transport Association |
| IMDG | International Maritime Dangerous Goods Code |
| LC | Lethal concentration |
| LD | Lethal Dosage |
| NIOSH | National Institute for Occupational Safety and Health |
| NTP | National Toxicology Program (U.S.A.) |
| OSHA | Occupational Safety and Health Administration (U.S.A.) |
| PEL | Permissible Exposure Limit |
| STEL | Short-term Exposure Limit |
| TDG | Transport of dangerous goods in Canada |
| TLV | Threshold Limit Value |
| TSCA | Toxic Substances Control Act |
| TWA | Time Weighted Average |
| WHMIS | Workplace Hazardous Materials Information System |

DISCLAIMER: Countertop in a Box expressly disclaims all express or implied warranties of merchantability and fitness for a particular purpose, with respect to the product or information provided herein, and shall under no circumstances be liable for incidental or consequential damages. Users are responsible to verify whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product. In order to meet our stringent requirements, we continuously test our coatings and, occasionally, formulations may be modified to improve the properties of the coatings. The information and data appearing in this reference document may not be up to date, despite the reference date.