

SAFETY DATA SHEET (SDS)

Section 1. Identification

Product identifier	Countertop in a Box BONDING PRIMER COLOR
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

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) Sensitisation skin (Category 1) Serious eye damage/eye irritation (Category 1) Carcinogenicity (Category 1) Specific target organ toxicity, repeated exposure (Category 1)

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
- H317 May cause an allergic skin reaction
- H318 Causes serious eye damage
- H350 May cause cancer
- H372 Cause damage to organs through prolonged or repeated exposure

Prevention

P201 Obtain special instruction before use. P202 Do not handle until all safety precautions have been read and understood. 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. P261 Avoid breathing dust/fume/gas/mist/vapors/spray. P264 Wash hands/nails/face/eyes thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P272 Contaminated work clothing should not be allowed out of the workplace. P280 Wear gloves/protective clothing/gloves/eye protection/face protection

Response

IF SWALLOWED: P301+ P310 Immediately call a POISON CENTER. P330 Rinse mouth.
IF ON SKIN: P302 + P352 Wash with plenty of water. P333 + P313 If skin irritation or rash occurs: Get medical advice/attention. P362 + P364 Take off contaminated clothing and wash it before reuse.
IF IN EYES: P305 + P351 + P338 Rinse cautiously with water. Remove contact lenses, if present and easy to do. Continue rinsing. P310 Immediately call a POISON CENTER
IF EXPOSED OR CONCERNED P308 + P313: 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.P405 Store locked up.

Disposal

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

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

Chemical name (common name/synonyms)	CAS number or other	Concentration (%)**
Titanium dioxide	13463-67-7	0 - 30 %
Carbon black	1333-86-4	0 - 30 %

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

Section 4. First-Aid Measures

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 an allergic skin reaction. Causes serious eye damage. May cause cancer. Cause damage to organs through prolonged or repeated exposure.		
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 Carbon dioxide, dry chemical. Alcohol resistant foam. Dry sand.			
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			
Obtain special instruction before use. Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources No smoking. Do not breath dust/fume/gas/mist/vapours/spry. Avoid breathing dust/fume/gas/mist/vapors/spray. Wash hands/nails/face/eyes thoroughly after handling. Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. 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 13463-67-7 ACGIH – TLV-TWA 10 mg/m ³ ; CAS 1333-86-4 TWA 3 mg/m ³			
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	Not available	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.			
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 an allergic skin reaction. Causes serious eye damage. May cause cancer. 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 – Can cause cancer; Specific Target Organ Toxicity — Single Exposure –Not available; Specific Target Organ Toxicity — repeated exposures: Not available; Aspiration hazard - Based on physical properties probably does not present an aspiration hazard; Health Hazards Not Otherwise Classified – No data available.			
Numerical measures of toxicity (ATE; LD₅₀ & LC₅₀)			
CAS 13463-67-7 LD ₅₀ Oral - Rat -> 5,000 mg/kg; LD ₅₀ Dermal – Rabbit > 10,000 mg/kg; LC ₅₀ Inhalation > 6.82 mg/l exposure time 4h; CAS 1333-86-4 LD ₅₀ Oral - Rat -> 5,000 mg/kg. ATE not available in this document.			
Section 12. Ecological Information			
Ecotoxicity (aquatic and terrestrial information)			
Toxicity to fish CAS 13463-67-7 LC ₅₀ : > 1,000 mg/l (Pimephales promelas) 96h; CAS 1333-86-4 LC ₅₀ : 42 mg/l (flat head minnow) 96h			
Toxicity to Aquatic Invertebrates: CAS 13463-67-7 EC ₅₀ : >100 mg/l (Daphnia magna –water flea) 48h; CAS 1333-86-4 EC ₅₀ : 91 mg/l (Daphnia magna) 48h.			
Toxicity to Algae/aquatic plants: CAS 13463-67-7 EC ₅₀ : >100 mg/l (Pseudokirchneriella subcapita – green algae) 72h. CAS 1333-86-4 EC ₅₀ : 82 mg/l (capricornutum selenastrum) 72h			
Persistence and degradability	No data available		
Bioaccumulative potential	Not available.		
Mobility in soil	Unlikely.		
Other adverse effects	Avoid spills into the environment.		
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 Canadian 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	
<p>United States OSHA information: Not hazardous.</p> <p>United States EPA (Environmental Protection Agency) information: No regulated. Refer to the ingredients listed in Section 3 & Sections 12; 13 & 14.</p> <p>United States TCSA information: Refer to the ingredients listed in Section 3.</p> <p>REACH Registration Number: This product is an article and does not require REACH registration.</p> <p>State of California Proposition 65: Does not contain chemicals known to the State of California to cause cancer or reproductive toxicity.</p> <p>UN: Does not appear on the Dangerous Goods List.</p> <p>California Proposition 65: WARNING: This product contains Titanium dioxide (CAS 13467-67-7) & Carbon black (CAS 1333-86-4) known to the State of California to cause cancer or other reproductive harm.</p>	
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	
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
<p>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.</p>	