

SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Super Bondi
GENERAL USE: Nail cleaning agent
PRODUCT CODE: E BON 001

MANUFACTURER

Cacee, Inc.
14271 Corporate Dr. Suite B
Garden Grove, CA 92703
Emergency Contact: INFOTRAC
Emergency Phone: 800-535-5053
Customer Service: 714-265-3740

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Flammable liquids (Category 2), H225
Acute Toxicity (Category 4), H332
Skin irritation (Category 2), H315
Eye irritation (Category 2A), H319
Sensitisation, skin (Category 1), H317
Specific target organ toxicity - single exposure (Category 3), Central nervous system, H336
Percentage of the mixture consisting of ingredient(s) of unknown toxicity: 30%

GHS LABEL



SIGNAL WORD: DANGER

Hazard statement(s)

H225 Highly flammable liquid and vapour
H332 Harmful if inhaled
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction
H336 may cause drowsiness or dizziness

Precautionary statement(s)

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P233 Keep container tightly closed.
P240 Ground/bond container and receiving equipment.
P241 Use explosion-proof electrical/ ventilating/ lighting/ equipment.
P242 Use only non-sparking tools.
P243 Take precautionary measures against static discharge.
P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P264 Wash skin thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/ eye protection/ face protection.
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P303 + P361 + P353 IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312 Call a POISON CENTER or doctor/ physician if you feel unwell.

P332 + P313 If skin irritation occurs: Get medical advice/ attention.

P337 + P313 If eye irritation persists: Get medical advice/ attention.

P362 Take off contaminated clothing and wash before reuse.

P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

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

P405 Store locked up.

P501 Dispose of contents/ container to an approved waste disposal plant.

Prevention:

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Vol. %	CAS
Ethyl Acetate	30-70	141-78-6
Acetone	15-20	67-64-1
Isopropyl Alcohol	15-20	67-63-0
Trimethylpropane trimethacrylate esters	12.5-25	3290-92-4
Butyl Acetate	5-10	123-86-4
Polyurethane acrylate oligomer	5-12.5	exempt

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact

Wash off with soap and plenty of water. Consult a physician.

In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Continue rinsing eyes during transport to hospital.

If swallowed

Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed

no data available

5. FIRE FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

Carbon oxides

5.3 Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information

Use water spray to cool unopened containers.

6. ACCIDENTAL RELEASE MEASURES**6.1 Personal precautions, protective equipment and emergency procedures**

Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up

Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13).

7. HANDLING AND STORAGE**7.1 Precautions for safe handling**

Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Use explosion-proof equipment. Keep away from sources of ignition - No smoking. Take measures to prevent the buildup of electrostatic charge.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Recommended storage temperature: 2 - 8 °C

Light sensitive.

7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Control parameters****Exposure limits**

Component	CAS-No.	Value	Control parameters	Basis
Acetone	67-64-1	TWA	500 ppm	USA. ACGIH Threshold Limit Values (TLV)
	Remarks	Eye & Upper Respiratory Tract irritation Central Nervous System impairment Hematologic effects Substances for which there is a Biological Exposure Index or Indices (see BEI® section) Not classifiable as a human carcinogen		
		STEL	750 ppm	USA. ACGIH Threshold Limit Values (TLV)
		Eye & Upper Respiratory Tract irritation Central Nervous System impairment Hematologic effects Substances for which there is a Biological Exposure Index or Indices (see BEI® section) Not classifiable as a human carcinogen		
		STEL	1,000 ppm 2,400 mg/m ³	USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000
		The acetone STEL does not apply to the cellulose acetate fiber industry. It is in effect for all other sectors.		
		TWA	1,000 ppm 2,400 mg/m ³	USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
		The value in mg/m ³ is approximate.		

		TWA	250 ppm 590 mg/m ³	USA. NIOSH Recommended Exposure Limits
		TWA	750 ppm 1,800 mg/m ³	USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000
Ethyl acetate	141-78-6	TWA	400 ppm	USA. ACGIH Threshold Limit Values (TLV)
	Remarks	Upper Respiratory Tract irritation Eye irritation		
		TWA	400 ppm 1,400 mg/m ³	USA. NIOSH Recommended Exposure Limits
		TWA	400 ppm 1,400 mg/m ³	USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
		The value in mg/m ³ is approximate		
Trimethylolpropane trimethacrylate	3290-92-4	TWA	1.00 mg/m ³	USA. Workplace Environmental Exposure Levels (WEEL)
n-Butyl acetate	123-86-4	TWA	150 ppm	USA. ACGIH Threshold Limit Values (TLV)
	Remarks	Eye & Upper Respiratory Tract irritation		
		STEL	STEL	USA. ACGIH Threshold Limit Values (TLV)
		Eye & Upper Respiratory Tract irritation		
		TWA	150 ppm 710 mg/m ³	USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000
		STEL	200 ppm 950 mg/m ³	USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000
		TWA	150 ppm 710 mg/m ³	USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
		The value in mg/m ³ is approximate.		
		TWA	150 ppm 710 mg/m ³	USA. NIOSH Recommended Exposure Limits
		ST	200 ppm 950 mg/m ³	USA. NIOSH Recommended Exposure Limits
Isopropyl alcohol	67-63-0	TWA	200 ppm	USA. ACGIH Threshold Limit Values (TLV)
	Remarks	Eye & Upper Respiratory Tract irritation Central Nervous System impairment		
		STEL	400 ppm	USA. ACGIH Threshold

				Limit Values (TLV)
		Eye & Upper Respiratory Tract irritation Central Nervous System impairment Not classifiable as a human carcinogen		
		TWA	400 ppm 980 mg/m ³	USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000
		STEL	500 ppm 1,225 mg/m ³	USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000
		TWA	400 ppm 980 mg/m ³	USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
		The value in mg/m ³ is approximate.		
		TWA	400 ppm 980 mg/m ³	USA. NIOSH Recommended Exposure Limits
		ST	500 ppm 1,225 mg/m ³	USA. NIOSH Recommended Exposure Limits

Biological occupational exposure limits

Component	CAS-No.	Parameters	Value	Biological specimen	Basis
Acetone	67-64-1	Acetone	50 mg/l	Urine	ACGIH - Biological Exposure Indices (BEI)
	Remarks	End of shift (As soon as possible after exposure ceases)			
Isopropyl alcohol	67-63-0	Acetone	40 mg/l	Urine	ACGIH - Biological Exposure Indices (BEI)
	remarks	End of shift at end of workweek			

Exposure controls

Appropriate engineering controls

Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-prof ventilation equipment.

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

Personal protective equipment

Eye/face protection

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection

Complete suit protecting against chemicals, the type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Personal protective equipment.

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multipurpose combination (US) or type ABEK (EN14287) respirator cartridges as a backup to engineering controls if the respirator is the sole means of protection, use a fullface supplied air respirator. Use respirators and components tested and approved under appropriate government standards such

as NIOSH or CEN

Control of environmental exposure

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: liquid
Odor: no data available
Odor threshold: no data available
pH: no data available
Melting point/freezing point: no data available
Solubility: no data available
Initial boiling point and boiling range: no data available
Flash point: -20°C (closed cup) (based on acetone)
Evaporation rate: no data available
Flammability: no data available
Upper/lower flammability or explosive limits: no data available
Vapor pressure: no data available
Vapor density: no data available
Relative density: no data available
Solubility: slightly soluble
Partition coefficient: n-octanol/water: no data available
Auto-ignition temperature: no data available
Decomposition temperature: no data available
Viscosity: no data available

10. STABILITY AND REACTIVITY

Reactivity

No data available

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

Vapors may form explosive mixture with air.

10.4 Conditions to avoid

Heat, flames and sparks. Extremes of temperature and direct sunlight.

10.5 Incompatible materials

Strong oxidizing agents, Strong acids, Strong bases, Acid chlorides, Acid anhydrides, Reducing agents, Free radical initiators, Acetone reacts violently with phosphorous oxychloride.

10.6 Hazardous decomposition products

Carbon oxides.

In the event of fire: see section 5

11. TOXICOLOGICAL INFORMATION

Acute toxicity:

Substance/Ingredient	Test results	Species
Acetone	LD50 Oral – 5,800 mg/kg LC50 Inhalation – 8 h – 50,100 mg/m ³ LD50 Dermal – 7,426 mg/kg	Rat Rat Guinea pig
Ethyl Acetate	LD50 Oral - 5,620 mg/kg LC50 Inhalation - 45,000 mg/m ³ LD50 Dermal - 18,000 mg/kg	rat Mouse rabbit
Butyl Acetate	LD50 Oral - 10,700 - 14,130 mg/kg LC50 Inhalation - 4 h - > 21.0 mg/l LD50 Dermal - 17,600 mg/kg	Rat Rat Rabbit
Isopropyl Alcohol	LD50 Oral - 5,045 mg/kg LC50 Inhalation – 8h - 16000 ppm LD50 Dermal - 12,800 mg/kg	Rat Rat Rabbit
Trimethylolpropane trimethacrylate	n/a	n/a
Polyurethane acrylate oligomer	n/a	n/a

Substance/Ingredient	Skin corrosion/irritation	Eye damage/irritation	Respiration sensitization	Skin sensitization
Acetone	Mild skin irritation – 25 h – rabbit	Eye irritation – 24 h – rabbit	No data available	Does not cause skin sensitization
Ethyl Acetate	May cause skin irritation and/or dermatitis	No data available	No data available	No data available
Butyl Acetate	No skin irritation – 4h- rabbit (OECD Test guideline 404)	No eye irritation – 4h – rabbit (OECD test guideline 405)	No data available	No data available
Isopropyl Alcohol	Mild skin irritation – rabbit	Eye irritation – 24h – rabbit	No data available	No data available
Trimethylolpropane trimethacrylate	n/a	n/a	n/a	n/a
Polyurethane acrylate oligomer	n/a	n/a	n/a	n/a

Description of the delayed, immediate, or chronic effects from short and long term exposure

Specific target organ toxicity – single exposure

May cause drowsiness or dizziness

Inhalation, Oral - May cause drowsiness or dizziness.

Inhalation - May cause respiratory irritation.

Specific target organ toxicity – repeated exposure

No data available

Chronic health effects

Substance/Ingredient	Germ Cell mutagenicity	Carcinogenicity	Reproductive toxicity
Acetone	No data available	Not significant effects	Not available
Ethyl Acetate	No data available	No known significant effects	Not available
Butyl Acetate	No data available	No known significant effects	Not available
Isopropyl Alcohol	No data available	No known significant effects	Not available
Trimethylolpropane trimethacrylate	no data available	No known significant effects	no data available
Polyurethane acrylate oligomer	no data available	No known significant effects	no data available

Aspiration hazard

no data available

Additional Information

Kidney - Irregularities - Based on Human Evidence

12. ECOLOGICAL INFORMATION

Toxicity

Substance/Ingredient	Test	Species	Exposure
Acetone	LC50 – 5,540 mg/l LC50 – 8,800 mg/l	Oncorhynchus mykiss Daphnia magna	96 h 48 h
Ethyl Acetate	LC50 - 350.00 - 600.00 mg/l EC50 - 2300-3090 mg/l LC50 - 560 mg/l LC50 - 220-250 mg/l EC50 - 4300 mg/l EC50 – 1800 – 3200 mg/l	Oncorhynchus mykiss Daphnia magna Daphnia magna Pimephales promelas Algae Selenastrum	96 h 24 h 48 h 96 h 24h 72h
Butyl Acetate	LC50 – 100 mg/l EC50 – 72.8-205.0 mg/l EC50 – 44 mg/l EC50 – 674.7 mg/l	Lepomis macrochirus Daphnia magna Daphnia Desmodesmus subspicatus	96h 24h 48h 72h
Isopropyl Alcohol	LC50 – 9640 mg/l EC50 – 5102 mg/l EC50 – 2000 mg/l EC50 – 1000 mg/l	Pimephales promelas Daphnia magna Desmodesmus subspicatus Algae	96h 24h 72h 24h

Persistence and degradability

Substance/Ingredient	Persistence/degradable
Acetone	91 % readily biodegradable
Ethyl Acetate	79% readily biodegradable
Butyl Acetate	n/a
Isopropyl Alcohol	n/a

Bioaccumulative potential

Ethyl Acetate – BCF: 30

Mobility in soil

n/a

PBT and vPVB assessment

n/a

Other adverse effects

n/a

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting as this material is highly flammable. Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

14. TRANSPORT INFORMATION**DOT (DEPARTMENT OF TRANSPORTATION)****PROPER SHIPPING NAME:** FLAMMABLE LIQUID, NOS (Acetone, Ethyl Acetate)**PRIMARY HAZARD CLASS/DIVISION:** 3**UN/NA NUMBER:** 1993**PACKING GROUP:** II**REPORTABLE QUANTITY (RQ) UNDER CERCLA:** 5000 lbs**LABEL:** Flammable**15. REGULATORY INFORMATION****SARA 302 Components**

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards

Fire Hazard, Acute Health Hazard, Chronic Health Hazard

Massachusetts Right To Know Components

Ethyl acetate, Acetic Acid, Ethyl Ester, Acetone, n-Butyl acetate, 2-Propanol

Pennsylvania Right To Know Components

Ethyl acetate, Acetic Acid, Ethyl Ester, Acetone, n-Butyl acetate, 2-Propanol

New Jersey Right To Know Components

Ethyl acetate, Acetic Acid, Ethyl Ester, Acetone, n-Butyl acetate, 2-Propanol

California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

16. OTHER INFORMATION

MANUFACTURER DISCLAIMER: The information presented herein is believed to be accurate. Recipients are advised to confirm in advance that the information is current, applicable and suitable to their circumstances. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential, or exemplary damages howsoever arising, even if the company has been advised of the possibility of such damages.

HMIS Rating

Health hazard: 2

Chronic Health Hazard:*

Flammability: 3

Physical Hazard 0

NFPA Rating

Health hazard: 2

Fire Hazard: 3

Reactivity Hazard: 1