

# Safety Data Sheet

**C-643B**

**STABOND**

SDS Revision Date: 10/15/2024

## Section 1. Identification

### Product identifier

**Product Identity**

C-643B

**Other means of identification**

STABOND C-643B

**Relevant identified uses of the substance or mixture and uses advised against**

See Technical Data Sheet.

### Details of the supplier of the safety data sheet

**Company Name**

STABOND CORPORATION

1722 W. 139th Street, GARDENA CA. 90249

**Customer Service: STABOND CORPORATION**

(310) 380-6168 Mon. to Fri. 07:00 – 15:30 PT

**Emergency Contact: CHEMTREC**

(800) 424-9300 24-hour

## Section 2. Hazard(s) identification

**Classification of the substance or mixture under OSHA's Hazard Communication Standard (1910.1200) revised 2024 (GHS revision 7).**

Flammable Liquid, category 2;H225

Highly Flammable liquid and vapor.

Serious eye damage / eye irritation, category 2A;H319

Causes serious eye irritation.

Reproductive toxicity, category 2;H361D

Suspected of damaging the unborn child.

Specific target organ toxicity, Specific exposure category 3;H336

May cause drowsiness or dizziness.

Aquatic toxicity (acute), category 3;H402

Harmful to aquatic life.

Aquatic toxicity (chronic), category 3;H412

Harmful to aquatic life with long lasting effects.

### Label elements



**Danger**

H225 Highly flammable liquid and vapor.

H319 Causes serious eye irritation.

H336 May cause drowsiness and dizziness.

H361d Suspected of damaging the unborn child.

H412 Harmful to aquatic life with long lasting effects.

### [Prevention]

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P210 Keep away from heat, sparks, open flames, and other ignition sources - No smoking.

P233 Keep container tightly closed.

P240 Ground, bond container and receiving equipment.  
P241 Use explosion-proof electrical, ventilating, light, equipment.  
P242 Use only non-sparking tools.  
P243 Take action to prevent static discharges.  
P261 Avoid breathing dust, fume, gas, mist, vapors, spray.  
P264 Wash thoroughly after handling.  
P271 Use only outdoors or in a well-ventilated area.  
P273 Avoid release to the environment.  
P280 Wear protective gloves, eye protection, and face protection.

**[Response]**

P303+361+353 IF ON SKIN (or hair): Remove, take off immediately all contaminated clothing. Rinse skin with water, shower.  
P304+340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P308+313 IF exposed or concerned: Get medical advice or attention.  
P312 Call a POISON CENTER, doctor or physician if you feel unwell.  
P332+313 If skin irritation occurs: Get medical attention.  
P337+313 If eye irritation persists: Get medical advice or attention.  
P370+378 In case of fire: Use extinguishing media listed in section 5 of SDS for extinction.

**[Storage]**

P403+233 Store in a well ventilated place. Keep container tightly closed.  
P403+235 Store in a well ventilated place. Keep cool.  
P405 Store locked up.

**[Disposal]**

P501 Dispose of contents or container in accordance with local and national regulations.

**Other hazards**

This product contains no PBT/vPvB chemicals.  
This product contains no endocrine disrupting chemicals.

### Section 3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the OSHA's Hazard Communication Standard (1910.1200) revised 2024 (GHS revision 7).

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Acetone CAS Number: 67-64-1 Synonyms: 2-Propanone	65 - 85	Flammable Liquid, category 2;H225 Serious eye damage / eye irritation, category 2;H319 Specific target organ toxicity, Specific exposure category 3;H336	-----
2-Propenenitrile, polymer with 1,3-butadiene CAS Number: 9003-18-3 Synonyms: Butadiene-Acrylonitrile CopolymersPolyvinyl Chloride	7 - 13	Not Classified	-----
FORMALDEHYDE, POLYMER WITH 4-(1,1-DIMETHYLETHYL)PH CAS Number: 25085-50-1	7 - 13	Skin corrosion/irritation category 2;H315 Serious eye damage / eye irritation, category 2;H319	-----

Synonyms: Formaldehyde, polymer with 4-(1,1-dimethylethyl)phenol		Specific target organ toxicity, Single exposure category 3;H335	
Salicylic acid CAS Number: 69-72-7 Synonyms: No available information	1 - 5	Acute toxicity(oral), category 4;H302 Serious eye damage / eye irritation, category 1;H318 Reproductive toxicity, category 2;H361D	-----
Vinyl chloride-Vinyl acetate copolymer CAS Number: 9003-22-9 Synonyms: Vinyl chloride/vinyl acetate copolymer	1 - 5	Not Classified	-----
p-tert-Butyl phenol CAS Number: 98-54-4 Synonyms: p-tert.butyl phenol	0.1 - 1	Skin corrosion/irritation category 2;H315 Serious eye damage / eye irritation, category 1;H318 Aquatic toxicity (chronic), category 1;H410 Reproductive toxicity, category 2;H361F	-----

The actual concentration or concentration range is withheld as a trade secret.

\*PBT/vPvB - PBT-substance or vPvB-substance.

The full texts of the phrases are shown in Section 16.

## Section 4. First aid measures

### Description of first aid measures

<b>General</b>	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
<b>Inhalation</b>	Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious, place in the recovery position and obtain immediate medical attention. Give nothing by mouth.
<b>Eyes</b>	Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.
<b>Skin</b>	Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.
<b>Ingestion</b>	If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting. If vomiting should occur spontaneously keep victims head below knees to prevent aspiration into the lungs.

### Most important symptoms and effects, both acute and delayed

<b>Overview</b>	No specific symptom data available. Treat symptomatically. See section 2 for further details.
<b>Inhalation</b>	May cause drowsiness or dizziness.
<b>Eyes</b>	Causes serious eye irritation.
<b>Skin</b>	Causes mild skin irritation.
<b>Chronic effects</b>	Moderate CNS depression may be shown by giddiness, headache, dizziness and nausea. If vomiting occurs, keep head below hips to prevent aspiration of liquid into lungs, which can cause severe lung damage. Aspiration pneumonitis may be evidenced by coughing and cyanosis.

## Section 5. Fire-fighting measures

**Extinguishing media**

Recommended extinguishing media; alcohol resistant foam, CO<sup>2</sup>, powder, water spray.

Unsuitable extinguishing media: Do not use; water jet.

**Special hazards arising from the substance or mixture**

Hazardous decomposition: Burning may produce fumes of carbon dioxide, carbon monoxide, hydrogen cyanide, phenols and nitrous oxides.

Keep away from heat, sparks, open flames, and other ignition sources - No smoking.

Keep container tightly closed.

Ground, bond container and receiving equipment.

Use explosion-proof electrical, ventilating, light, equipment.

Use only non-sparking tools.

Take action to prevent static discharges.

Avoid breathing dust, fume, gas, mist, vapors, spray.

**Advice for fire-fighters**

Volatile solvent constituent can readily form explosive or flammable mixtures in air. Vapors can flow along surfaces to distant ignition sources and flash back.

Cool closed containers exposed to fire by spraying them with water. Do not allow run off water and contaminants from fire fighting to enter drains or water ways.

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## Section 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures**

Remove sources of ignition, do not turn lights or unprotected electrical equipment on or off. In case of a major spill or spillage in a confined space evacuate the area and check that solvent vapor levels are below the Lower Explosive Limit before re-entering.

**Environmental precautions**

Do not allow spills to enter drains or waterways.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

**Methods and material for containment and cleaning up**

Soak up wet material on a non-combustible absorbent and place in a closed metal container.

## Section 7. Handling and storage

**Precautions for safe handling**

Ground and bond metal containers when dispensing. Not smoking in areas of use or storage. Use only non-sparking tools near wet adhesive or solvent vapors. Solvent vapor is much heavier than air and can collect in dangerous concentrations in floor drains or low areas.

Store in cool, well ventilated area away from any ignition sources and strong oxidizing agents. Keep containers tightly closed when not in use. Do not transfer to plastic containers.

See section 2 for further details. - [Prevention]

**Conditions for safe storage, including any incompatibilities**

Incompatible materials: Strong oxidizing agents can cause spontaneous combustion.

See section 2 for further details. - [Storage]

**Specific end use(s)**

No data available.

## Section 8. Exposure controls / personal protection

**Control parameters**

CAS No.	Ingredient	Exposure	
		Source	Value
67-64-1	Acetone	OSHA	1000 ppm, 2400 mg/m <sup>3</sup>
		ACGIH	250 ppm 500 ppm
		NIOSH	250 ppm (590 mg/m <sup>3</sup> ) TWA
69-72-7	Salicylic acid	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
98-54-4	p-tert-Butyl phenol	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
9003-18-3	2-Propenenitrile, polymer with 1,3-butadiene	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
9003-22-9	Vinyl chloride-Vinyl acetate copolymer	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
25085-50-1	FORMALDEHYDE, POLYMER WITH 4-(1,1-DIMETHYLETHYL)PH	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit

**Exposure controls****Respiratory**

Atmospheric levels should be maintained below the exposure guideline. Use an approved, full-face, supplied air respirator or a NIOSH approved positive pressure, self-contained breathing apparatus if these levels are exceeded.

**Eyes**

Wear safety glasses with side shields to protect the eyes. An eye wash station is suggested as a good workplace practice.

**Skin**

Overalls which cover the body, arms and legs should be worn. Skin should not be exposed. All parts of the body should be washed after contact. Use neoprene, vinyl or natural rubber gloves.

**Engineering Controls**

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.

**Other Work Practices** Eye wash fountain or bottles. Solvent insoluble barrier hand cream. Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details.

## Section 9. Physical and chemical properties

### Information on basic physical and chemical properties

<b>Physical State</b>	Liquid
<b>Color</b>	Low Viscosity
<b>Odor</b>	Acetone
<b>Melting point / freezing point</b>	Not Available
<b>Initial boiling point and boiling range</b>	133 F
<b>Flammability (solid, gas)</b>	Not Applicable
<b>Upper/lower flammability or explosive limits</b>	<b>Lower Explosive Limit:</b> 2.2% <b>Upper Explosive Limit:</b> 13.0%
<b>Flash Point</b>	-4 F
<b>Auto-ignition temperature</b>	Not Available
<b>Decomposition temperature</b>	Not Available
<b>pH</b>	Not Available
<b>Viscosity (cSt)</b>	200
<b>Solubility in Water</b>	Nil
<b>Partition coefficient n-octanol/water (Log Kow)</b>	Not Available
<b>Vapor pressure (Pa)</b>	Not Available
<b>Relative Density</b>	0.9 (H <sub>2</sub> O=1)
<b>Vapor Density</b>	HEAVIER THAN AIR
<b>Evaporation rate (Ether = 1)</b>	SLOWER THAN ETHER
<b>VOC Content</b>	COATING V.O.C.: 0 LB/GAL , MATERIAL V.O.C.: 0 LB/GAL
<b>Other information</b>	
No other relevant information.	

## Section 10. Stability and reactivity

### Reactivity

Hazardous Polymerization will not occur.

### Chemical stability

Stable under normal circumstances.

### Possibility of hazardous reactions

No data available.

### Conditions to avoid

Keep away from all sources of ignition or heat.

#### Incompatible materials

Strong oxidizing agents can cause spontaneous combustion.

#### Hazardous decomposition products

Burning may produce fumes of carbon dioxide, carbon monoxide, hydrogen cyanide, phenols and nitrous oxides.

## Section 11. Toxicological information

#### Acute toxicity

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Acetone - (67-64-1)	5,800.00, Rat - Category: NA	7,426.00, Rabbit - Category: NA	76.00, Rat - Category: NA	50.10, Rat - Category: NA	No data available.
2-Propenenitrile, polymer with 1,3-butadiene - (9003-18-3)	No data available.	No data available.	No data available.	No data available.	No data available.
FORMALDEHYDE, POLYMER WITH 4-(1,1-DIMETHYLETHYL)PH - (25085-50-1)	No data available.	No data available.	No data available.	No data available.	No data available.
Salicylic acid - (69-72-7)	891.00, Rat - Category: 4	10,000.00, Rabbit - Category: NA	No data available.	No data available.	No data available.
Vinyl chloride-Vinyl acetate copolymer - (9003-22-9)	No data available.	No data available.	No data available.	No data available.	No data available.
p-tert-Butyl phenol - (98-54-4)	4,000.00, Rat - Category: 5	No data available.	No data available.	5.60, Rat - Category: NA	No data available.

#### Carcinogen Data

CAS No.	Ingredient	Source	Value
67-64-1	Acetone	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No;
		ACGIH	A4
69-72-7	Salicylic acid	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No;
		ACGIH	No Established Limit
98-54-4	p-tert-Butyl phenol	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No;
		ACGIH	No Established Limit
9003-18-3	2-Propenenitrile, polymer with 1,3-butadiene	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No;
		ACGIH	No Established Limit
9003-22-9	Vinyl chloride-Vinyl acetate copolymer	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;

		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: Yes;
		ACGIH	No Established Limit
25085-50-1	FORMALDEHYDE, POLYMER WITH 4-(1,1-DIMETHYLETHYL)PH	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No;
		ACGIH	No Established Limit

Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not Applicable
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	---	Not Applicable
Serious eye damage/irritation	2A	Causes serious eye irritation.
Respiratory sensitization	---	Not Applicable
Skin sensitization	---	Not Applicable
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	2	Suspected of damaging the unborn child.
STOT-single exposure	---	Not Applicable
STOT-single exposure	3	May cause drowsiness or dizziness.
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not Applicable

**Possible routes of entry:** No data available.

**Symptoms and effects, both acute and delayed:**

No specific symptom data available.

Treat symptomatically.

**Inhalation** May cause drowsiness or dizziness.

**Eyes** Causes serious eye irritation.

**Skin** Causes mild skin irritation.

**Chronic effects** Moderate CNS depression may be shown by giddiness, headache, dizziness and nausea. If vomiting occurs, keep head below hips to prevent aspiration of liquid into lungs, which can cause severe lung damage. Aspiration pneumonitis may be evidenced by coughing and cyanosis.

## Section 12. Ecological information

**Toxicity**

Harmful to aquatic life with long lasting effects.



**Aquatic Ecotoxicity**

Ingredient	96 hr LC50 fish, mg/L	48 hr EC50 crustacea, mg/L	ErC50 algae, mg/L
Acetone - (67-64-1)	8,120.00, Pimephales promelas	8,800.00, Daphnia pulex	7,000.00, Pseudokirchneriella subcapitata
2-Propenenitrile, polymer with 1,3-butadiene - (9003-18-3)	No data available.	No data available.	No data available.
FORMALDEHYDE, POLYMER WITH 4-(1,1-DIMETHYLETHYL)PH - (25085-50-1)	No data available.	No data available.	No data available.
Salicylic acid - (69-72-7)	90.00, Leuciscus idus	105.00, Daphnia magna	No data available.
Vinyl chloride-Vinyl acetate copolymer - (9003-22-9)	No data available.	No data available.	No data available.
p-tert-Butyl phenol - (98-54-4)	5.14, Pimephales promelas	3.90, Daphnia magna	No data available.

**Persistence and degradability**

There is no data available on the preparation itself.

**Bioaccumulative potential**

Not Available

**Mobility in soil**

No data available.

**Results of PBT and vPvB assessment**

This product contains no PBT/vPvB chemicals.

**Other adverse effects**

No data available.

**Section 13. Disposal considerations****Waste treatment methods**

Waste should not be released to sewers. Observe all federal, state, and local regulations when disposing of this substance.

**Section 14. Transport information**

DOT (Domestic Surface  
Transportation)

IMO / IMDG (Ocean  
Transportation)

ICAO/IATA

UN number	UN1090	UN1090	UN1090
UN proper shipping name	Acetone	Acetone	Acetone
Transport hazard class(es)	<b>DOT Hazard Class: 3</b> <b>Sub Class: Not Applicable</b>	<b>IMDG: 3</b> <b>Sub Class: Not Applicable</b>	<b>Air Class: 3</b> <b>Sub Class: Not Applicable</b>
Packing group	II	II	II
Environmental hazards	Marine Pollutant: No;		
Special precautions for user	Not Applicable		

## Section 15. Regulatory information

**Regulatory Overview** The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

Classification of the substance or mixture under OSHA's Hazard Communication Standard (1910.1200) revised 2024 (GHS revision 7).

### Toxic Substance Control Act (TSCA)

CAS Number	Ingredient	Toxic Substance Control Act (TSCA)	Comments	Status
0009003-18-3	2-Propenenitrile, polymer with 1,3-butadiene	Yes	XU	ACTIVE
0000067-64-1	Acetone	Yes		ACTIVE
0025085-50-1	FORMALDEHYDE, POLYMER WITH 4-(1,1-DIMETHYLETHYL)PH	Yes	XU	ACTIVE
0000098-54-4	p-tert-Butyl phenol	Yes		ACTIVE
0000069-72-7	Salicylic acid	Yes		ACTIVE
0009003-22-9	Vinyl chloride-Vinyl acetate copolymer	Yes	XU	ACTIVE

### EPCRA 302 Extremely Hazardous:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

### EPCRA 313 Toxic Chemicals:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

### Proposition 65 - Carcinogens (>0.0%):

4-Vinylcyclohexene  
Acrylonitrile  
Benzene  
Cadmium  
Lead

### Proposition 65 - Developmental Toxins (>0.0%):

Benzene

Lead

**Proposition 65 - Female Repro Toxins (>0.0%):**

4-Vinylcyclohexene

Lead

**Proposition 65 - Male Repro Toxins (>0.0%):**

Benzene

Cadmium

Lead

**Proposition 65 Label Warning:**



WARNING: This product can expose you to chemicals including [4-Vinylcyclohexene, Acrylonitrile, Benzene, Cadmium, Lead], which are known to the State of California to cause cancer, and [4-Vinylcyclohexene, Benzene, Cadmium, Lead], which are known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## Section 16. Other information

**Revision Date** 10/15/2024

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H225 Highly flammable liquid and vapor.

H302 Harmful if swallowed.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

H336 May cause drowsiness and dizziness.

H361 Suspected of damaging fertility or the unborn child.

H410 Very toxic to aquatic life with long lasting effects.

ALL INFORMATION IS BASED UPON DATA FROM MFG'S AND/OR TECHNICAL SOURCE, & IS BELIEVED TO BE ACCURATE. CONDITIONS OF USE ARE BEYOND OUR CONTROL & THEREFORE USERS ARE RESPONSIBLE TO VERIFY THIS DATA UNDER THEIR OWN CONDITIONS TO DETERMINE SUITABILITY FOR THEIR PURPOSE, & THEY ASSUME ALL RISKS OF USE, HANDLING, & DISPOSAL, OR FROM USE OF INFORMATION CONTAINED HEREIN. THIS INFORMATION RELATES ONLY TO THE PRODUCT DESIGNATED HEREIN, AND DOES NOT RELATE TO ITS USE IN COMBINATION WITH OTHER MATERIAL OR IN ANY OTHER PROCESS.

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