

**Safety Data Sheet (HazCom 2012)**  
**CS-7707 Part B - CS7707B**

**Safety Data Sheet date: 1/8/2025, version 1**

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## 1. IDENTIFICATION

Product identifier

Mixture identification:

Trade name: CS-7707 Part B

Other means of identification:

SDS code: CS7707B

Recommended use of the chemical and restrictions on use

Recommended use:

Industrial uses

Sealant

Restrictions on use:

Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party

Manufacturers:

Flamemaster Corp., 13576 Desmond Street, Pacoima, CA 91331 - USA CAGE Code:  
14439

Distributors:

Flamemaster Corp., Tel 818-890-1401, Fax 818-890-6001, www.flamemaster.com

Competent person responsible for the safety data sheet:

Flamemaster Corp., Tel 818-890-1401, Fax 818-890-6001, www.flamemaster.com

Emergency phone number:

CHEMTEL: +1-813-248-0585 (International); 1-800-255-3924 (USA)

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## 2. HAZARD(S) IDENTIFICATION

Classification of the chemical



Danger, Flam. Liq. 2, Highly flammable liquid and vapour.



Danger, Acute Tox. 3, Toxic if swallowed.



Danger, Acute Tox. 3, Toxic in contact with skin.



Danger, Skin Corr. 1B, Causes severe skin burns and eye damage.



Danger, Eye Dam. 1, Causes serious eye damage.



Warning, Skin Sens. 1, May cause an allergic skin reaction.



Danger, STOT SE 1, Causes damage to organs.

Aquatic Chronic 3, Harmful to aquatic life with long lasting effects.

Label elements

Hazard pictograms:



Danger

Hazard statements:

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H225 Highly flammable liquid and vapour.  
H301 Toxic if swallowed.  
H311 Toxic in contact with skin.  
H314 Causes severe skin burns and eye damage.  
H318 Causes serious eye damage.  
H317 May cause an allergic skin reaction.  
H370 Causes damage to organs.  
H412 Harmful to aquatic life with long lasting effects.

Precautionary statements:

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.  
P260 Do not breathe dust/fume/gas/mist/vapours/spray.  
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
P264 Wash hands thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.  
P272 Contaminated work clothing must not be allowed out of the workplace.  
P273 Avoid release to the environment.  
P280 Wear protective gloves/clothing and eye/face protection.  
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor/...  
P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.  
P302+P352 IF ON SKIN: Wash with plenty of water/...  
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P304+P340 IF INHALED: Remove person to fresh air and keep 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.  
P308+P311 IF exposed or concerned: Call a POISON CENTER/doctor/...  
P312 Call a POISON CENTER/doctor/... if you feel unwell.  
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  
P361+P364 Take off immediately all contaminated clothing and wash it before reuse.  
P363 Wash contaminated clothing before reuse.  
P370+P378 In case of fire: Use Alcohol foam, carbon dioxide (CO<sub>2</sub>), dry chemical, water spray/water fog to extinguish.  
P403+P235 Store in a well-ventilated place. Keep cool.  
P405 Store locked up.  
P501 Dispose of contents/container in accordance with applicable regulations.

Special Provisions:

None

Hazards not otherwise classified identified during the classification process:

None

Ingredient(s) with unknown acute toxicity:

None.

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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances

N.A.






Mixtures

Hazardous components within the meaning of 29 CFR 1910.1200 and related classification:








>= 90% methanol

CAS: 67-56-1, EC: 200-659-6

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-  A.1/3/Oral Acute Tox. 3 H301
-  A.1/3/Dermal Acute Tox. 3 H311
-  A.1/3/Inhal Acute Tox. 3 H331
-  A.8/1 STOT SE 1 H370
-  B.6/2 Flam. Liq. 2 H225

>= 7% - < 10% TRIETHYLENETETRAMINE  
CAS: 112-24-3

-  A.1/4/Oral Acute Tox. 4 H302
-  A.1/4/Dermal Acute Tox. 4 H312
-  A.2/1B Skin Corr. 1B H314
-  A.3/1 Eye Dam. 1 H318
-  A.4.2/1 Skin Sens. 1 H317
-  A.8/3 STOT SE 3 H335
-  US-HAE/C2 Aquatic Chronic 2 H411

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#### 4. FIRST-AID MEASURES

Description of necessary measures

In case of skin contact:

Immediately take off all contaminated clothing.  
**OBTAIN IMMEDIATE MEDICAL ATTENTION.**  
Remove contaminated clothing immediately and dispose of safely.  
After contact with skin, wash immediately with soap and plenty of water.

In case of eyes contact:

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.  
Protect uninjured eye.

In case of Ingestion:

Do NOT induce vomiting.  
Give nothing to eat or drink.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

Most important symptoms/effects, acute and delayed

None

Indication of immediate medical attention and special treatment needed

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

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Treatment:  
No particular treatment.

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**5. FIRE-FIGHTING MEASURES**

Suitable extinguishing media:

In case of fire: Use Alcohol foam, carbon dioxide (CO<sub>2</sub>), dry chemical, water spray/water fog to extinguish.

Unsuitable extinguishing media

None in particular.

Specific hazards arising from the chemical

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

Hazardous combustion products:

None

Explosive properties: N.A.

Oxidizing properties: N.A.

Special protective equipment and precautions for fire-fighters

Use suitable breathing apparatus .

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

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**6. ACCIDENTAL RELEASE MEASURES**

Personal precautions, protective equipment, and emergency procedures

Wear personal protection equipment.

Remove all sources of ignition.

Remove persons to safety.

See protective measures under point 7 and 8.

Methods and materials for containment and cleaning up

Wash with plenty of water.

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**7. HANDLING AND STORAGE**

Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.

Do not use on extensive surface areas in premises where there are occupants.

Don't use empty container before they have been cleaned.

Before making transfer operations, ensure that there aren't any incompatible material residuals in the containers.

See also section 8 for recommended protective equipment.

Advice on general occupational hygiene:

Contaminated clothing should be changed before entering eating areas.

Do not eat or drink while working.

Conditions for safe storage, including any incompatibilities

Always keep in a well ventilated place.

Keep away from unguarded flame, sparks, and heat sources. Avoid direct exposure to sunlight.

Avoid accumulating electrostatic charge.

Keep away from food, drink and feed.

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Cool and adequately ventilated.

Safety electric system.

Storage temperature:

Store at ambient temperature.

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**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Control parameters

methanol - CAS: 67-56-1

- OEL Type: National - TWA(8h): 260 mg/m<sup>3</sup>, 200 ppm - STEL: 1300 mg/m<sup>3</sup>, 1000 ppm - Notes: France VLEC

- OEL Type: EU - TWA(8h): 260 mg/m<sup>3</sup>, 200 ppm - Notes: Skin

- OEL Type: ACGIH - TWA(8h): 200 ppm - STEL: 250 ppm - Notes: Skin, BEI -

Headache, eye dam, dizziness, nausea

- OEL Type: TWA - TWA: 200 ppm

TRIETHYLENETETRAMINE - CAS: 112-24-3

- OEL Type: ST - TWA: 10 ppm

- OEL Type: TWA - TWA: 6 mg/m<sup>3</sup>

DNEL Exposure Limit Values

methanol - CAS: 67-56-1

Worker Industry: 40 mg/kg b.w./day - Consumer: 8 mg/kg b.w./day - Exposure: Human Dermal - Frequency: Short Term, systemic effects

Worker Industry: 40 mg/kg b.w./day - Consumer: 8 mg/kg b.w./day - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Worker Industry: 260 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Short Term, systemic effects

Worker Industry: 260 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, local effects

Worker Industry: 260 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

PNEC Exposure Limit Values

methanol - CAS: 67-56-1

Target: Fresh Water - Value: 20.8 mg/l

Target: Marine water - Value: 2.08 mg/l

Target: Freshwater sediments - Value: 77 mg/kg

Target: Marine water sediments - Value: 7.7 mg/kg

Target: Soil (agricultural) - Value: 3.18 mg/kg

Target: Microorganisms in sewage treatments - Value: 100 mg/l

Appropriate engineering controls:

None

Individual protection measures

Eye protection:

Use close fitting safety goggles, don't use eye lens.

Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

Protection for hands:

Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.

Respiratory protection:

Use adequate protective respiratory equipment.

Thermal Hazards:

None

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Properties	Value	Method:	Notes
Physical state:	Liquid	--	--
Colour:	Amber	--	--
Odour:	Alcohol Odor	--	--
Odour threshold:	N.A.	--	--

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pH:	10.5	--	--
Melting point / freezing point:	N.A.	--	--
Initial boiling point and boiling range:	174	--	--
Flash Point (°F):	61	--	--
Flash point (°C):	16.1	--	--
Evaporation rate:	N.A.	--	--
Solid/gas flammability:	N.A.	--	--
Upper/lower flammability or explosive limits:	N.A.	--	--
Vapour pressure:	N.A.	--	--
Vapour density:	1.4	--	--
Relative density:	N.A.	--	--
Solubility in water:	N.A.	--	--
Solubility in oil:	N.A.	--	--
Partition coefficient (n-octanol/water):	N.A.	--	--
Auto-ignition temperature:	N.A.	--	--
Decomposition temperature:	N.A.	--	--
Viscosity:	N.A.	--	--
Explosive properties:	N.A.	--	--
Oxidizing properties:	N.A.	--	--

9.2. Other information

Properties	Value	Method:	Notes
Miscibility:	N.A.	--	--
Fat Solubility:	N.A.	--	--
Conductivity:	N.A.	--	--
Substance Groups relevant properties	N.A.	--	--

**10. STABILITY AND REACTIVITY**

Reactivity

It may generate dangerous reactions (See subsections below)

Chemical stability

It may generate dangerous reactions (See subsections below)

Possibility of hazardous reactions

None

Conditions to avoid

Avoid accumulating electrostatic charge.

Incompatible materials

Avoid contact with combustible materials. The product could catch fire.

Hazardous decomposition products

None.

**11. TOXICOLOGICAL INFORMATION**

Information on toxicological effects

Toxicological information of the product:

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Acute toxicity

The product is classified: Acute Tox. 3 H301; Acute Tox. 3 H311  
ATEmix - Oral 107.398 mg/kg bw  
ATEmix - Dermal 320.043 mg/kg bw

Skin corrosion/irritation

The product is classified: Skin Corr. 1B H314

Serious eye damage/irritation

The product is classified: Eye Dam. 1 H318

Respiratory or skin sensitisation

The product is classified: Skin Sens. 1 H317

Germ cell mutagenicity

Not classified

Based on available data, the classification criteria are not met

Carcinogenicity

Not classified

Based on available data, the classification criteria are not met

Reproductive toxicity

Not classified

Based on available data, the classification criteria are not met

STOT-single exposure

The product is classified: STOT SE 1 H370

STOT-repeated exposure

Not classified

Based on available data, the classification criteria are not met

Aspiration hazard

Not classified

Based on available data, the classification criteria are not met

Toxicological information of the main substances found in the product:

methanol - CAS: 67-56-1

Acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 2000 mg/kg

Test: LC50 - Route: Inhalation - Species: Rat = 128.2 mg/l - Duration: 4h

Test: LC50 - Route: Inhalation - Species: Rat = 87.6 mg/l

Test: LD50 - Route: Skin - Species: Rabbit = 17100 mg/kg

Test: LD0 - Route: Oral - Species: Human = 428 mg/kg

TRIETHYLENETETRAMINE - CAS: 112-24-3

Acute toxicity:

Test: LD50 - Route: Oral - Species: Rat 1716 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit 1465 mg/kg

Substance(s) listed on the NTP report on Carcinogens:

None.

Substance(s) listed on the IARC Monographs:

None.

Substance(s) listed as OSHA Carcinogen(s):

None.

Substance(s) listed as NIOSH Carcinogen(s):

None.

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## 12. ECOLOGICAL INFORMATION

Ecotoxicity

Adopt good working practices, so that the product is not released into the environment.

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The product is classified: Aquatic Chronic 3 - H412

methanol - CAS: 67-56-1

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a) Aquatic acute toxicity:  
 Endpoint: EC50 - Species: Fish = 15400 mg/l - Duration h: 96  
 Endpoint: NOEC - Species: Fish = 7900 mg/l - Duration h: 200  
 Endpoint: EC50 - Species: Daphnia > 10000 mg/l - Duration h: 48  
 Endpoint: EC50 - Species: Algae = 22000 mg/l - Duration h: 96  
 Endpoint: LC50 - Species: Fish > 100 mg/l - Duration h: 96 - Notes: Carpe

Persistence and degradability  
 methanol - CAS: 67-56-1  
 Biodegradability: Readily biodegradable - Duration: 20 days - %: 95%

Bioaccumulative potential  
 methanol - CAS: 67-56-1  
 Log Pow -0.77

Mobility in soil  
 N.A.

Other adverse effects  
 No harmful effects expected.

**13. DISPOSAL CONSIDERATIONS**

Waste treatment and disposal methods  
 Recover, if possible. Send to authorised disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulations currently in force.

**14. TRANSPORT INFORMATION**



UN number  
 ADR-UN Number: 1987  
 DOT number: UN1987  
 IATA-UN Number: 1987  
 IMDG-UN Number: 1987

UN proper shipping name  
 ADR-Shipping Name: ALCOHOLS, N.O.S.  
 DOT-Shipping Name: Alcohols, n.o.s.  
 IATA-Shipping Name: ALCOHOLS, N.O.S.  
 IMDG-Shipping Name: ALCOHOLS, N.O.S.

Transport hazard class(es)  
 ADR-Class: 3  
 DOT Hazard Class: 3  
 ADR - Hazard identification number: 33  
 IATA-Class: 3  
 IATA-Label: 3  
 IMDG-Class: 3

Packing group  
 ADR-Packing Group: II  
 DOT Packing group: II  
 IATA-Packing group: II  
 IMDG-Packing group: II

Environmental hazards  
 ADR-Environmental Pollutant: No  
 IMDG-Marine pollutant: No

Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code)



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N.A.

Special precautions

DOT Special provisions: 172, IB2, T7, TP1, TP8, TP28  
 ADR-Subsidiary hazards: -  
 ADR-S.P.: 274 601 640D  
 ADR-Transport category (Tunnel restriction code): 2 (D/E)  
 IATA-Passenger Aircraft: 353  
 IATA-Subsidiary hazards: -  
 IATA-Cargo Aircraft: 364  
 IATA-S.P.: A3 A180  
 IATA-ERG: 3L  
 IMDG-EmS: F-E , S-D  
 IMDG-Subsidiary hazards: -  
 IMDG-Stowage and handling: Category B  
 IMDG-Segregation: -

**15. REGULATORY INFORMATION**

USA - Federal regulations

TSCA - Toxic Substances Control Act

TSCA inventory: All the components of this product are listed as active on or are exempt from the TSCA Inventory..

TSCA sections for substances listed in section 3:

methanol is listed in TSCA Section 8b

TRIETHYLENETETRAMINE is listed in TSCA Section 8b.

SARA - Superfund Amendments and Reauthorization Act

Section 302 Extremely Hazardous Substances: no substances listed.

Section 304 Hazardous substances: methanol.

Section 313 Toxic chemical list: methanol.

CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act

Substance(s) listed under CERCLA: methanol - Reportable quantity: 5000 pounds.

Reportable quantity for mixture: 5471.117968 pounds.

CAA - Clean Air Act

CAA listed substances:

methanol is listed in CAA Section 111, Section 112(b) - HAP, Section 112(b) - HON.

CWA - Clean Water Act

CWA listed substances:

methanol is listed in CWA Section 304.

USA - State specific regulations

California Proposition 65

Substance(s) listed under California Proposition 65:

methanol - Listed as reproductive toxicant.

Massachusetts Right to know

Substance(s) listed under Massachusetts Right to know:

methanol.

New Jersey Right to know

Substance(s) listed under New Jersey Right to know:

methanol.

Pennsylvania Right to know

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Substance(s) listed under Pennsylvania Right to know:  
methanol.

The following substance(s) in this product has/have an identification by CAS number either in countries not affected by the REACH regulation or in regulations not yet updated to reflect the new naming convention for hydrocarbon solvents:

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**16. OTHER INFORMATION**

Full text of phrases referred to in Section 3:

- H301 Toxic if swallowed.
- H311 Toxic in contact with skin.
- H331 Toxic if inhaled.
- H370 Causes damage to organs.
- H225 Highly flammable liquid and vapour.
- H302 Harmful if swallowed.
- H312 Harmful in contact with skin.
- H314 Causes severe skin burns and eye damage.
- H318 Causes serious eye damage.
- H317 May cause an allergic skin reaction.
- H335 May cause respiratory irritation.
- H411 Toxic to aquatic life with long lasting effects.

According to TSCA section 3(2)(B)(i) : a hydrated form of a chemical substance is considered a mixture of the corresponding anhydrous form and water.

Disclaimer:

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality. The information relates only to the specific material and may not be valid for such material used in combination with any other material or in any process.

This Safety Data Sheet cancels and replaces any preceding release.

- ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
- ATE: Acute Toxicity Estimate
- ATEmix: Acute toxicity Estimate (Mixtures)
- CAS: Chemical Abstracts Service (division of the American Chemical Society).
- CLP: Classification, Labeling, Packaging.
- DNEL: Derived No Effect Level.
- EINECS: European Inventory of Existing Commercial Chemical Substances.
- GHS: Globally Harmonized System of Classification and Labeling of Chemicals.
- HMIS: Hazardous Materials Identification System
- IARC: International Agency for Research on Cancer
- IATA: International Air Transport Association.
- IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
- ICAO: International Civil Aviation Organization.
- ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO).
- IMDG: International Maritime Code for Dangerous Goods.
- INCI: International Nomenclature of Cosmetic Ingredients.
- KSt: Explosion coefficient.

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LC50: Lethal concentration, for 50 percent of test population.  
LD50: Lethal dose, for 50 percent of test population.  
NFPA: National Fire Protection Association  
NIOSH: National Institute for Occupational Safety and Health  
NTP: National Toxicology Program  
OSHA: Occupational Safety and Health Administration  
PNEC: Predicted No Effect Concentration.  
RID: Regulation Concerning the International Transport of Dangerous Goods  
by Rail.

TOTAL  
VOC'S  
(TVOC) /  
NONEXEMPT  
VOC'S  
(CVOC):  
Using  
California  
South Coast  
Air Quality  
Management  
District  
(SCAQMD)  
Rule 1143.

STEL: Short Term Exposure limit.  
STOT: Specific Target Organ Toxicity.  
TLV: Threshold Limiting Value.  
TWA: Time-weighted average

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