

Safety Data Sheet (HazCom 2012)
CS-3330 Part A Class A - CS3330AA

Safety Data Sheet date: 4/13/2025, version 1

1. IDENTIFICATION

Product identifier

Mixture identification:

Trade name: CS-3330 Part A Class A

Other means of identification:

SDS code: CS3330AA

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)

2. HAZARD(S) IDENTIFICATION

Classification of the chemical



Warning, Flam. Liq. 3, Flammable liquid and vapour.

Aquatic Acute 3, Harmful to aquatic life.

Label elements

Hazard pictograms:



Warning

Hazard statements:

H226 Flammable liquid and vapour.

H402 Harmful to aquatic life.

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.

P273 Avoid release to the environment.

P280 Wear protective gloves/clothing and eye/face protection.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing.

Rinse skin with water/shower.

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P370+P378 In case of fire: Use Alcohol foam, carbon dioxide (CO₂), dry chemical, water spray/water fog to extinguish.

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

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.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances

N.A.

Mixtures

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

>= 60% - < 70% Aliphatic polysulfide polymer

CAS: 68611-50-7

US-HAE/A3 Aquatic Acute 3 H402

>= 7% - < 10% butanone; ethyl methyl ketone

CAS: 78-93-3



A.2/2 Skin Irrit. 2 H315



B.6/2 Flam. Liq. 2 H225



A.3/2A Eye Irrit. 2A H319



A.8/3 STOT SE 3 H336

4. FIRST-AID MEASURES

Description of necessary measures

In case of skin contact:

Wash with plenty of water and soap.

In case of eyes contact:

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

In case of Ingestion:

Do not induce vomiting. Obtain a medical examination.

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

Treatment:

No particular treatment.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:

In case of fire: Use Alcohol foam, carbon dioxide (CO₂), dry chemical, water spray/water fog to extinguish.

Unsuitable extinguishing media

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Keep away from heat, sparks, and flame. Keep container closed when not in use. Store in a cool, dry, well-ventilated area at a temperature between 50 and 95 degrees F (10 and 35 degrees C). Do not store outside in direct sunlight.

KEEP OUT OF REACH OF CHILDREN AND PETS

Storage temperature:

Store at ambient temperature.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

butanone; ethyl methyl ketone - CAS: 78-93-3

- OEL Type: ACGIH - TWA: 200 ppm - STEL: 200 mg/m³ - Notes: ACGIH OEL TWA

- OEL Type: OSHA PEL - TWA: 590 mg/m³, 200 ppm

- OEL Type: EU - TWA(8h): 600 mg/m³, 200 ppm - STEL: 900 mg/m³, 300 ppm

DNEL Exposure Limit Values

N.A.

PNEC Exposure Limit Values

N.A.

Appropriate engineering controls:

Use this product outdoors with good ventilation. If it is used indoors, local exhaust ventilation is recommended to control any air contaminants to within their TLVs during the use of this product.

Individual protection measures

Eye protection:

Wear safety glasses with side shields (or goggles) and a face shield.

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 a NIOSH approved chemical/mechanical filter respirator designed to remove a combination of particulates and organic vapor if occupational limits are exceeded. For emergency situations, confined space use, or other conditions where exposure limits may be greatly exceeded, use an approved air-supplied respirator. For respirator use observe OSHA regulations (29 CFR 1910.134) or use in accordance with applicable laws and regulations of your country or locality.

Thermal Hazards:

Keep away from heat and sources of ignition

9. PHYSICAL AND CHEMICAL PROPERTIES

Properties	Value	Method:	Notes
Physical state:	Liquid	--	--
Colour:	Red	--	--
Odour:	Polysulfide-like	--	--
Odour threshold:	N.A.	--	--
pH:	8.5	--	--
Melting point / freezing point:	N.A.	--	--
Initial boiling point and boiling range:	N.A.	--	--
Flash Point (°F):	90	--	--

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Flash point (°C):	32	--	--
Evaporation rate:	N.A.	--	--
Solid/gas flammability:	N.A.	--	--
Upper/lower flammability or explosive limits:	N.A.	--	--
Vapour pressure:	N.A.	--	--
Vapour density:	N.A.	--	--
Relative density:	1.55 (@ 20 °C / 68 °F)	--	--
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:	Material supports combustion	--	--
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

Hazardous polymerisation will not occur under normal conditions.

Combustion may release hazardous decomposition products.

Conditions to avoid

Eliminate all possible sources of ignition (sparks or flames).

Heat. Limit exposure to air and light. Contamination.

Incompatible materials

Strong acids, strong bases, strong oxidizers, strong reducing agents.

Hazardous decomposition products

CO, CO₂

Halogenated compounds.

Nitrogen oxides.

Metallic oxides.

Formaldehyde

Toxic fumes

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11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Toxicological information of the product:

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Acute toxicity

Not classified

Based on available data, the classification criteria are not met

Skin corrosion/irritation

Not classified

Based on available data, the classification criteria are not met

Serious eye damage/irritation

Not classified

Based on available data, the classification criteria are not met

Respiratory or skin sensitisation

Not classified

Based on available data, the classification criteria are not met

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

Not classified

Based on available data, the classification criteria are not met

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

Adverse health effects

Exposure to component vapors at concentrations in excess of the stated Occupational Exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidneys, liver, and central nervous system.

Systems and signs of overexposure include headache, dizziness, fatigue, muscular weakness, drowsiness, reduced fetal weight, increase in fetal deaths, skeletal malformations, and in extreme cases loss of consciousness.

Repeated or prolonged contact with the preparation may cause defatting of the skin resulting in non-allergic dermatitis and absorption through the skin.

The liquid splashed in the eyes causes serious eye irritation and damage.

Irritating to mouth, throat, and stomach. Ingestion causes reduced fetal weight, increased fetal deaths, and skeletal malformations.

Toxicological information of the main substances found in the product:

Aliphatic polysulfide polymer - CAS: 68611-50-7

Acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 5000 mg/kg

butanone; ethyl methyl ketone - CAS: 78-93-3

Acute toxicity

ATE - Oral 2737 mg/kg bw

ATE - Dermal 6480 mg/kg bw

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ATE - Inhalation (Vapours) 34 mg/l
 ATE - Inhalation (Dust/mist) 34 mg/l
 ATE - Inhalation (Gas) 11300 ppmV
 Test: LD50 - Route: Oral - Species: Rat = 2193 mg/kg - Source: OECD 423
 Test: LD50 - Route: Skin - Species: Rabbit > 10 ml/kg - Duration: 24 hours - Source: OECD 402
 Test: LC50 - Route: Inhalation - Species: Rat = 34 mg/kg - Duration: 4h
 Test: LC50 - Route: Inhalation - Species: Rat = 11300 ppm - Duration: 4h
 Test: ATE - Route: Oral = 2737.000 mg/kg bw
 Test: ATE - Route: Skin = 6480.000 mg/kg bw
 Test: ATE - Route: Inhalation Gas = 11300.000 ppmV - Duration: 4h
 Test: ATE - Route: Inhalation Vapour = 34.000 mg/l - Duration: 4h
 Test: ATE - Route: Inhalation (dust, mist) = 34.000 mg/l - Duration: 4h

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.

12. ECOLOGICAL INFORMATION

Ecotoxicity

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

CS-3330 Part A Class A

The product is classified: Aquatic Acute 3 - H402

Aliphatic polysulfide polymer - CAS: 68611-50-7

a) Aquatic acute toxicity:

Endpoint: LL50

- Species: Oryzias latipes > 100 mg/l - Duration h: 96

Endpoint: EL50

- Species: Daphnia Magna < 100 mg/l - Duration h: 48

b) Aquatic chronic toxicity:

Endpoint: NOEC - Species: Crustacea > 1 mg/l

e) Plant toxicity:

Endpoint: ErL50 - Species: Algae > 100 mg/l - Duration h: 72

butanone; ethyl methyl ketone - CAS: 78-93-3

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 2993 mg/l - Duration h: 96 - Notes: Pimephalales promelas, OECD 203

Endpoint: EC50 - Species: Daphnia Magna = 308 mg/l - Duration h: 48 - Notes: OECD 202

Endpoint: ErC50 - Species: Algae = 1972 mg/l - Duration h: 72 - Notes: OECD 201

Persistence and degradability

N.A.

Bioaccumulative potential

N.A.

Mobility in soil

N.A.

Other adverse effects

No harmful effects expected.

13. DISPOSAL CONSIDERATIONS

Waste treatment and disposal methods

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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: 1133
 DOT number: UN1133
 IATA-UN Number: 1133
 IMDG-UN Number: 1133

UN proper shipping name
 ADR-Shipping Name: ADHESIVES
 DOT-Shipping Name: Adhesives, containing a flammable liquid
 IATA-Shipping Name: ADHESIVES
 IMDG-Shipping Name: ADHESIVES

Transport hazard class(es)
 ADR-Class: 3
 DOT Hazard Class: 3
 ADR - Hazard identification number: 30
 IATA-Class: 3
 IATA-Label: 3
 IMDG-Class: 3

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

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)
 N.A.

Special precautions
 DOT Special provisions: B1, B52, IB3, T2, TP1
 ADR-Subsidiary hazards: -
 ADR-S.P.: -
 ADR-Transport category (Tunnel restriction code): 3 (D/E)
 IATA-Passenger Aircraft: 355
 IATA-Subsidiary hazards: -
 IATA-Cargo Aircraft: 366
 IATA-S.P.: A3
 IATA-ERG: 3L
 IMDG-EmS: F-E , S-D
 IMDG-Subsidiary hazards: -
 IMDG-Stowage and handling: Category A
 IMDG-Segregation: -

15. REGULATORY INFORMATION

USA - Federal regulations

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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:

Aliphatic polysulfide polymer is listed in TSCA Section 8b

butanone; ethyl methyl ketone is listed in TSCA Section 8, Section 8b.

SARA - Superfund Amendments and Reauthorization Act

Section 302 Extremely Hazardous Substances: no substances listed.

Section 304 Hazardous substances: butanone; ethyl methyl ketone.

Section 313 Toxic chemical list: no substances listed.

CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act

Substance(s) listed under CERCLA: butanone; ethyl methyl ketone - Reportable quantity: 5000 pounds.

Reportable quantity for mixture: 59938.26421 pounds.

CAA - Clean Air Act

CAA listed substances:

butanone; ethyl methyl ketone is listed in CAA Section 111, Section 112(b) - HAP, Section 112(b) - HON.

CWA - Clean Water Act

CWA listed substances:

None.

USA - State specific regulations

California Proposition 65

Substance(s) listed under California Proposition 65:

None.

Massachusetts Right to know

Substance(s) listed under Massachusetts Right to know:

butanone; ethyl methyl ketone.

New Jersey Right to know

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

butanone; ethyl methyl ketone.

Pennsylvania Right to know

Substance(s) listed under Pennsylvania Right to know:

butanone; ethyl methyl ketone.

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:

16. OTHER INFORMATION

Full text of phrases referred to in Section 3:

H402 Harmful to aquatic life.

H315 Causes skin irritation.

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

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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.
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.

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STOT: Specific Target Organ Toxicity.
TLV: Threshold Limiting Value.
TWA: Time-weighted average

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