Safety Data Sheet (HazCom 2012)
CS-3213 Part A Class B

Safety Data Sheet date: 12/18/2024, version 1

1. IDENTIFICATION

Product identifier

Mixture identification:

Trade name: CS-3213 Part A Class B

Other means of identification:

SDS code: CS3213AB

Recommended use of the chemical and restrictions on use

Recommended use:

Restrictions on use:

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

Manufacturers:

Dysol Inc. - 5475 E. State Highway 114, Rhome Texas, 76078 / Phone: 1-817-335-1826 / csr-na@socomore.com/ Fax Number: 817-335-2405

Distributors:

Dysol Inc. - 5475 E. State Highway 114, Rhome Texas, 76078 / Phone: 1-817-335-1826 / csr-na@socomore.com/ Fax Number: 817-335-2405

Socomore Canada Limited - Unit 113 - 418 East Kent Ave S., Vancouver, BC V5X 2X7, Canada / Email: csr-ca@socomore.com / Phone: +1 604 420 7707 / Fax: +1 604 420 7701

Competent person responsible for the safety data sheet:

msdsinformation-na@socomore.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. 4, Combustible liquid.

Danger, Resp. Sens. 1, May cause allergy or asthma symptoms or breathing difficulties if inhaled.

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

Danger, Carc. 1A, May cause cancer.

Warning, Repr. 2, Suspected of damaging fertility or the unborn child.

Warning, STOT RE 2, May cause damage to organs through prolonged or repeated exposure.

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

Label elements

Hazard pictograms:

Danger

Hazard statements:
H227 Combustible liquid.
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H317 May cause an allergic skin reaction.
H350 May cause cancer.
H361 Suspected of damaging fertility or the unborn child.
H373 May cause damage to organs through prolonged or repeated exposure.
H412 Harmful to aquatic life with long lasting effects.

Precautionary statements:
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/hot surfaces. - No smoking.
P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P272 Contaminated work clothing must not be allowed out of the workplace.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P284 [In case of inadequate ventilation] wear respiratory protection.
P302+P352 IF ON SKIN: Wash with plenty of water/...
P304+P341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
P308+P313 IF exposed or concerned: Get medical advice/attention.
P314 Get medical advice/attention if you feel unwell.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P342+P311 If experiencing respiratory symptoms: Call a POISON CENTER/doctor/...
P363 Wash contaminated clothing before reuse.
P370+P378 In case of fire: Use CO2, dry sand, dry chemical, alcohol-resistant foam, or water 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.

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/C3 Aquatic Chronic 3 H412

>= 1% - < 3% Toluene
CAS: 108-88-3

B.6/2 Flam. Liq. 2 H225


A.2/2 Skin Irrit. 2 H315

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

 A.7/2 Repr. 2 H361d

 A.8/3 STOT SE 3 H336

 A.9/2 STOT RE 2 H373

 A.10/1 Asp. Tox. 1 H304

US-HAE/A2 Aquatic Acute 2 H401
US-HAE/C3 Aquatic Chronic 3 H412

>= 0.5% - < 1% Bisphenol A - epoxy resins, number average MW >700-<1100
CAS: 67924-34-9

 B.6/2 Flam. Liq. 2 H225

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

 A.2/2 Skin Irrit. 2 H315

 A.4.2/1 Skin Sens. 1 H317

 A.7/2 Repr. 2 H361d

US-HAE/A2 Aquatic Acute 2 H401
US-HAE/C3 Aquatic Chronic 3 H412

>= 0.1% - < 0.25% tetramethylthiuram disulphide
CAS: 137-26-8

 A.1/4/Oral Acute Tox. 4 H302

 A.1/4/Inhal Acute Tox. 4 H332

 A.2/2 Skin Irrit. 2 H315

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

 A.4.2/1 Skin Sens. 1 H317

 A.9/2 STOT RE 2 H373

>= 0.1% - < 0.25% Magnesium oxide
CAS: 1309-48-4

 A.4.1/1 Resp. Sens. 1 H334


A.8/3 STOT SE 3 H335


A.9/1 STOT RE 1 H372

>= 0.1% - < 0.25% Crystalline Silica (Quartz SiO2)
CAS: 14808-60-7, EC: 238-878-4


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


A.6/1A Carc. 1A H350


A.8/1 STOT SE 1 H370


A.8/3 STOT SE 3 H335

4. FIRST-AID MEASURES

Description of necessary measures

In case of skin contact:
Immediately take off all contaminated clothing.
Remove contaminated clothing immediately and dispose of safely.

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
In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).
Treatment:
No particular treatment.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:
In case of fire: Use CO2, dry sand, dry chemical, alcohol-resistant foam, or water 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:
Carbon oxides
Halogenated compounds.
Metal oxides.
Formaldehyde.
Sulfur oxides.
Unidentified organic compounds.

Explosive properties: N.A.

Oxidizing properties: N.A.

Special protective equipment and precautions for fire-fighters

Wear self-contained breathing apparatus (pressure demand, MSHA/NIOSH approved or equivalent) and full protective gear.
Exposure to decomposition products may be a health hazard. If decomposition products released in a fire are inhaled, symptoms may be delayed. Exposed persons may need to be kept under medical surveillance for at least 48 hours.
Move undamaged containers from immediate hazard area if it can be done safely, or use water spray jet to protect personnel and to cool endangered containers.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures

Wear personal protection equipment.
Remove persons to safety.
See protective measures under point 7 and 8.

Methods and materials for containment and cleaning up

For containment:
Contain spillage with commerically available chemical berms and absorbant pads.
For cleaning up:
Practice good industrial hygiene when handling this product. Use appropriate personal protective equipment. Evacuate spill area and ventilate properly.
Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Avoid runoff into storm sewers and ditches which lead to waterways.

7. HANDLING AND STORAGE

Precautions for safe handling

Wear all appropriate Personal Protective Equipment (PPE). Wear appropriate respiratory protection and ensure adequate ventilation at all times as vapors can accumulate over time in enclosed spaces and poorly ventilated areas. Use product in a way that minimizes splashes and/or creation of dust. Wash with soap and water thoroughly after each use.
Advice on general occupational hygiene:
Practice good industrial hygiene when handling this product.
Do not eat, drink or smoke when using this product.

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.
Keep away from food, drink and feed.
Incompatible materials:
None in particular.
Instructions as regards storage premises:
Keep away from heat, sparks, and flame. Keep container closed when not in use. Store in a cool, dry area at a temperature between 50 and 95 degrees F. Do not store outside in direct sunlight.
Keep container closed when not in use.
Avoid contamination of the product and do not mix with other chemicals.
Avoid contamination of the unused product by foreign materials including tools and parts of the spraying equipment if used.
KEEP OUT OF REACH OF CHILDREN AND PETS
Storage temperature:
Store at ambient temperature.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Toluene - CAS: 108-88-3

- OEL Type: ACGIH - TWA(8h): 20 ppm
- OEL Type: NIOSH REL - TWA: 375 mg/m3, 100 ppm
- OEL Type: ST - TWA: 560 mg/m3, 150 ppm
- OEL Type: TWA - TWA: 200 ppm

tetramethylthiuram disulphide - CAS: 137-26-8

- OEL Type: ACGIH - TWA: 5 mg/m3 - Notes: Inhalable fraction and vapor
- OEL Type: NIOSH - TWA: 0.05 mg/m3
- OEL Type: OSHA PEL - TWA: 5 mg/m3

Magnesium oxide - CAS: 1309-48-4

- OEL Type: OSHA PEL - TWA: 15 mg/m3
- OEL Type: TWA - TWA: 15 mg/m3
- OEL Type: ACGIH - TWA: 10 mg/m3
- OEL Type: IDLH - TWA: 750 mg/m3

Crystalline Silica (Quartz SiO2) - CAS: 14808-60-7

- OEL Type: OSHA PEL - TWA: 0.05 mg/m3
- OEL Type: TWA - TWA: 0.1 mg/m3 - Notes: respirable fraction
- OEL Type: ACGIH - TWA: 0.025 mg/m3
- OEL Type: IDLH - TWA: 50 mg/m3 - Notes: respirable dust

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 exaust 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 sheilds (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:

Always follow all local, state, and federal laws regarding the use of respirators.
A NIOSH/MSHA approved air purifying respirator with an organic vapor cartidge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection. A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use. Wear a MSHA/NIOSH approved (or equivalent) full-facepiece airline respirator in the positive pressure mode with emergency escape provisions. Always follow all local, state, and federal laws and regulations regarding the use of respirators.

Thermal Hazards:

Keep away from heat and sources of ignition

9. PHYSICAL AND CHEMICAL PROPERTIES

Properties	Value	Method:	Notes
Physical state:	Paste	--	--
Colour:	White	--	--

Odour:	Polysulfide odor	--	--
Odour threshold:	N.A.	--	--
pH:	8.5	--	--
Melting point / freezing point:	N.A.	--	--
Initial boiling point and boiling range:	N.A.	--	--
Flash Point (°F):	200 °F (Method: TCC)	--	--
Flash point (°C):	93 °C (Method: TCC)	--	--
Evaporation rate:	N.A.	--	--
Solid/gas flammability:	N.A.	--	--
Upper/lower flammability or explosive limits:	N.A.	--	--
Vapour pressure:	NIL	--	--
Vapour density:	NIL	--	--
Relative density:	1.52 (20 °C / 68 °F)	--	--
Solubility in water:	NEGLIGIBLE	--	--
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.	--	--

NONEXEMPT VOC'S (CVOC): 16 g/l -- 2 % by Volume

10. STABILITY AND REACTIVITY

Reactivity

Stable under normal conditions

Chemical stability

Stable at normal pressures and temperatures.

Possibility of hazardous reactions

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

None in particular.

Hazardous decomposition products

CO, CO2
Halogenated compounds.
Sulfur oxides.
Oxides of Carbon, Nitrogen sulfur Dioxide, Trace Hydrogen Sulfide
Metallic oxides.
Formaldehyde
Smoke and unidentified organic compounds.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Toxicological information of the product:

CS-3213 Part A Class B

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

The product is classified: Resp. Sens. 1 H334;Skin Sens. 1 H317

Germ cell mutagenicity

Not classified
Based on available data, the classification criteria are not met

Carcinogenicity

The product is classified: Carc. 1A H350

Reproductive toxicity

The product is classified: Repr. 2 H361

STOT-single exposure

Not classified
Based on available data, the classification criteria are not met

STOT-repeated exposure

The product is classified: STOT RE 2 H373

Aspiration hazard

Not classified
Based on available data, the classification criteria are not met

Adverse health effects

Exposure to component solvent 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 kind, liver, and central nervous system.
Systems and signs of overexposure include headache, dizziness, fatigue, muscular weakness, drowsiness, reduced fetal weight, increase in fetal deathsl, skeletal malformations, and in extreme cases loss of conciousness.
Repeated or prolonged contact with the preparation may cause defatting of the skin resulting in non-allergic dematitis 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.

Formaldehyde is released during curing.

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

Toluene - CAS: 108-88-3

Acute toxicity:

Test: LC50 - Route: Inhalation - Species: Rat (Male, female) 28.1 mg/l - Notes: The component/mixture is moderately toxic after short term inhalation.

Test: LD50 - Route: Skin - Species: Rabbit > 5000 mg/kg - Notes: The component/mixture is moderately toxic after single contact with skin.

Test: LD50 - Route: Oral - Species: Rat (male) 5580 mg/kg

Bisphenol A - epoxy resins, number average MW >700-<1100 - CAS: 67924-34-9

Acute toxicity:

Test: LD50 - Route: Skin - Species: Rat (Male, female) > 2000 mg/kg

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

tetramethylthiuram disulphide - CAS: 137-26-8

Acute toxicity:

Test: LD50 - Route: Skin - Species: Rat > 1000 mg/kg

Test: LC50 - Route: Inhalation - Species: Rat 3.46 mg/l - Duration: 4h

Test: LD50 - Route: Oral - Species: Rat 1800 mg/kg

Crystalline Silica (Quartz SiO2) - CAS: 14808-60-7

Acute toxicity:

Test: LD50 - Route: Oral 500 mg/kg

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

Crystalline Silica (Quartz SiO2).

Substance(s) listed on the IARC Monographs:

Crystalline Silica (Quartz SiO2) - Group 1.

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

Crystalline Silica (Quartz SiO2).

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-3213 Part A Class B

The product is classified: Aquatic Chronic 3 - H412

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

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.

Additional disposal information:

Disposal should be in accordance with applicable regional, national and local laws and regulations. Please consult Technical Data Sheet for details.

14. TRANSPORT INFORMATION

UN number
Not classified as dangerous in the meaning of ADR, IATA and IMDG transport regulations.
UN proper shipping name
N.A.
Transport hazard class(es)
N.A.
Packing group
N.A.
Environmental hazards
ADR-Enviromental 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
N.A.

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:
Aliphatic polysulfide polymer is listed in TSCA Section 8b
Toluene is listed in TSCA Section 8a - CAIR, Section 8d HSDR, Section 8b
Bisphenol A - epoxy resins, number average MW >700-<1100 is listed in TSCA Section 8b
tetramethylthiuram disulphide is listed in TSCA Section 8b
Magnesium oxide is listed in TSCA Section 8b
Crystalline Silica (Quartz SiO2) is listed in TSCA Section 8b.

SARA - Superfund Amendments and Reauthorization Act
Section 302 Extremely Hazardous Substances: no substances listed.
Section 304 Hazardous substances: Toluene.
Section 313 Toxic chemical list: Toluene, tetramethylthiuram disulphide.

CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act
Substance(s) listed under CERCLA: Toluene - Reportable quantity: 1000 pounds.
Reportable quantity for mixture: 49217.44266 pounds.

CAA - Clean Air Act
CAA listed substances:
Toluene is listed in CAA Section 111, Section 112(b) - HAP, Section 112(b) - HON.

CWA - Clean Water Act
CWA listed substances:

Toluene is listed in CWA Section 304, Section 307, Section 311, CWA Priority Pollutants.

USA - State specific regulations

California Proposition 65

Substance(s) listed under California Proposition 65:
Toluene - Listed as reproductive toxicant.

Massachusetts Right to know

Substance(s) listed under Massachusetts Right to know:
tetramethylthiuram disulphide
Magnesium oxide
Crystalline Silica (Quartz SiO2).

New Jersey Right to know

Substance(s) listed under New Jersey Right to know:
Toluene
Magnesium oxide.

Pennsylvania Right to know

Substance(s) listed under Pennsylvania Right to know:
Toluene
tetramethylthiuram disulphide
Magnesium oxide
Crystalline Silica (Quartz SiO2).

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:

H412 Harmful to aquatic life with long lasting effects.
H225 Highly flammable liquid and vapour.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H361d Suspected of damaging the unborn child.
H336 May cause drowsiness or dizziness.
H373 May cause damage to organs through prolonged or repeated exposure.
H304 May be fatal if swallowed and enters airways.
H401 Toxic to aquatic life.
H317 May cause an allergic skin reaction.
H302 Harmful if swallowed.
H332 Harmful if inhaled.
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335 May cause respiratory irritation.
H372 Causes damage to organs through prolonged or repeated exposure.
H350 May cause cancer.
H370 Causes damage to organs.

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

Safety Data Sheet date: 12/18/2024, version 1