

Safety Data Sheet
SOCOGEL PART C - P14171

Safety Data Sheet dated 9/10/2015, version 2

1. IDENTIFICATION

Product identifier

Mixture identification:

Trade name: SOCOGEL PART C

Other means of identification:

MSDS code: P14171

Recommended use of the chemical and restrictions on use

Recommended use:

Paint/coating

Industrial uses

Professional uses

Restrictions on use:

No uses advised against are identified.

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

Company:

Dysol Inc. - 2901 Shamrock Ave. - Forth Worth, TX 76107 / Phone: 1-817-335-1826 /

csr-na@socomore.com/ Fax Number: 817-335-2405

Distributor : SOCOMORE S.A.S.

Zone Industrielle du Prat - CS 23707 - 56037 VANNES CEDEX - France

Tel : +33 (0)2 97 43 76 83 - Fax : +33 (0)2 97 54 20 26

Distributor: Socomore Ltd - 5, Coe Avenue - Loughborough - Leicestershire - LE11 4SE - UK

- Tel: +44 1509 262040 - Fax: +44 1509 262046

Distributor: Socomore Iberia - Calle Diputació, 260 - 08007 Barcelona - Espana - Tel: +34 917 693 962 - Fax: +34 902 908 966

Distributor: MagChem Inc. 1271, rue Ampère, suite 101, Boucherville, QC, J4B 5Z5 Canada - Tel: 1-450 641 8500 - Fax: 1-450 655 1717

Distributor: Socomore GmbH - c/o MAZARS GmbH - Bernhard-Wicki-Straße 7 - 80636

München - Deutschland - Tel: +49 (0)89 20 70 28 83 - Fax: +49 (0) 89 88 91 98 16

Distributor: Socomore Trading Shanghai - 355 East Kang Qiao Road - Kang Qiao Industrial

Zone - Pudong - 201315 Shanghai - Tel: 862158131133 - Fax: 862158131933

Dystrybutor : SOCOMORE SPzoo - Ul. Piekna 18, 00-549 Warszawa Polska - Tel : +48 (22) 486 084 41 14 - Fax : +48 (22) 621 61 09

Competent person responsible for the safety data sheet:

techdirsocomore@socomore.com

Emergency phone number

CHEMTEL: 1-800-255-3924 (USA) / CANUTEC: 1-613-996-6666 (CANADA)

2. HAZARD(S) IDENTIFICATION

Classification of the chemical

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

Label elements

Symbols:



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Danger
Hazard statements:
H318 Causes serious eye damage.
Precautionary statements:
P280 Wear protective gloves and eye/face protection.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER.
Special Provisions:
None
Hazards not otherwise classified identified during the classification process:
None
Ingredient(s) with unknown acute toxicity:
None.
Additional classification information
NFPA rating:



HMIS rating:

HEALTH	*	0
FLAMMABILITY		1
PHYSICAL HAZARD		0
PERSONAL PROTECTION		

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances
N.A.

Mixtures

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

>= 90% [3-(2,3-EPOXYPROPOXY)PROPYL]TRIMETHOXYSILANE
CAS: 2530-83-8, EC: 219-784-2

 A.3/1 Eye Dam. 1 H318

4. FIRST-AID MEASURES

Description of necessary measures

In case of skin contact:

Immediately take off all contaminated clothing.

Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap.

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OBTAIN IMMEDIATE MEDICAL ATTENTION.

Wash thoroughly the body (shower or bath).

Remove contaminated clothing immediately and dispose off safely.

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. 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:

Water.

Carbon dioxide (CO₂).

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.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures

Wear personal protection equipment.

Remove all sources of ignition.

Wear breathing apparatus if exposed to vapours/dusts/aerosols.

Provide adequate ventilation.

Remove persons to safety.

Use appropriate respiratory protection.

See protective measures under point 7 and 8.

Methods and materials for containment and cleaning up

Wash with plenty of water.

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.

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Don't use empty container before they have been cleaned.
 Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.
 Contaminated clothing should be changed before entering eating areas.
 Do not eat or drink while working.
 See also section 8 for recommended protective equipment.
 Conditions for safe storage, including any incompatibilities
 Keep away from food, drink and feed.
 Incompatible materials:
 None in particular.
 Instructions as regards storage premises:
 Adequately ventilated premises.
 Storage temperature:
 Store at ambient temperature.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters
 No occupational exposure limit available
 DNEL Exposure Limit Values
 N.A.
 PNEC Exposure Limit Values
 N.A.
 Appropriate engineering controls:
 None
 Individual protection measures
 Eye protection:
 Safety goggles (EN 166)
 Face protection shield. (EN 166)
 Protection for skin:
 Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.
 Protection for hands:
 Suitable gloves type: NF EN374
 Butyl rubber (isobutylene-isoprene copolymer)
 Respiratory protection:
 Not needed for normal use.
 Thermal Hazards:
 None

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and colour:	COLOURLESS LIQUID	Method:	N.A.
Odour:	N.A.	Method:	N.A.
Odour threshold:	N.A.	Method:	N.A.
pH:	N.A.	Method:	N.A.
Melting point / freezing point:	Not Relevant	Reason:	liquid
Initial boiling point and boiling range:	N.A.	Method:	N.A.
Flash point:	122 °C	Method:	N.A.
Evaporation rate:	N.A.	Method:	N.A.
Solid/gas flammability:	N.A.	Method:	N.A.
Upper/lower flammability or explosive limits:	N.A.	Method:	N.A.
Vapour pressure:	N.A.	Method:	N.A.
Vapour density:	N.A.	Method:	N.A.
Relative density:	1.07	Method:	N.A.
Solubility in water:	N.A.	Method:	N.A.

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Solubility in oil:	N.A.	Method:	N.A.
Partition coefficient (n-octanol/water):	N.A.	Method:	N.A.
Auto-ignition temperature:	N.A.	Method:	N.A.
Decomposition temperature:	N.A.	Method:	N.A.
Viscosity:	N.A.	Method:	N.A.
Explosive properties:	N.A.	Method:	N.A.
Oxidizing properties:	N.A.	Method:	N.A.
Miscibility:	N.A.	Method:	N.A.
Fat Solubility:	N.A.	Method:	N.A.
Conductivity:	N.A.	Method:	N.A.

10. STABILITY AND REACTIVITY

Reactivity
Stable under normal conditions

Chemical stability
Stable under normal conditions

Possibility of hazardous reactions
None

Conditions to avoid
Stable under normal conditions.

Incompatible materials
Acids.
Bases.
Water/humidity.

Hazardous decomposition products
None.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects
Toxicological information of the mixture:
N.A.

Toxicological information of the main substances found in the mixture:
[3-(2,3-EPOXYPROPOXY)PROPYL]TRIMETHOXYSILANE - CAS: 2530-83-8

a) acute toxicity:
Test: LD50 - Route: Oral - Species: Rat = 8025 mg/kg
Test: LD50 - Route: Skin - Species: Rabbit = 4250 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.

12. ECOLOGICAL INFORMATION

Ecotoxicity
Adopt good working practices, so that the product is not released into the environment.
[3-(2,3-EPOXYPROPOXY)PROPYL]TRIMETHOXYSILANE - CAS: 2530-83-8

a) Aquatic acute toxicity:
Endpoint: LC50 - Species: Fish = 55 mg/l - Duration h: 96 - Notes: Cyprinus carpio
Endpoint: EC50 - Species: Daphnia = 324 mg/l - Duration h: 48 - Notes: Daphnia magna

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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.

14. TRANSPORT INFORMATION

UN number
Not classified as dangerous in the meaning of transport regulations.
UN proper shipping name
N.A.
Transport hazard class(es)
N.A.
Packing group
N.A.
Environmental hazards
ADR-Environmental Pollutant: No
IMDG-Marine pollutant: No
Most important toxic component: SOCOCEL PART C
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
List of substances not included in the TSCA inventory:
[3-(2,3-EPOXYPROPOXY)PROPYL]TRIMETHOXYSILANE.
TSCA listed substances:
None.
SARA - Superfund Amendments and Reauthorization Act
Section 302 – Extremely Hazardous Substances: no substances listed.
Section 304 – Hazardous substances: no substances listed.
Section 313 – Toxic chemical list: no substances listed.
CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act
No substances listed.
CAA - Clean Air Act
CAA listed substances:
None.
CWA - Clean Water Act
CWA listed substances:
None.

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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:

No substances listed.

New Jersey Right to know

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

No substances listed.

Pennsylvania Right to know

Substance(s) listed under Pennsylvania Right to know:

No substances listed.

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:

H318 Causes serious eye damage.

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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.
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.
LTE:	Long-term exposure.
NFPA:	National Fire Protection Association

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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.
STE:	Short-term exposure.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
TLV:	Threshold Limiting Value.
TWATLV:	Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).