



FLUID &
POWDER
COATING

SAFETY DATA SHEET

according to HCS 2024 (29 CFR 1910.1200)

S1-A

Material number S1-A

Revision date: 1/16/2026

Version: 1.0

Replaces version: 0.0

Language: en-US

Date of print: 1/23/2026

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1. Identification

Product identifier

Trade name: S1-A

This safety data sheet pertains to the following products:
39728 = S1-A

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

General use: Lubricating agent for the printing industry.
Product is designed for industrial use only.

Details of the supplier of the safety data sheet

Company name: Weitmann & Konrad GmbH & Co. KG

Street/POB-No.: Friedrich-List-Straße 20-24

Postal Code, city: 70771 Leinfelden-Echterdingen

Germany

WWW: www.weko.net

E-mail: service@weko.net

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Department responsible for information:

E-mail: weko-sicherheit@weko.net

Telephone: +49-(0)7428-938221

Emergency telephone number

+1-800-424-9300 (Chemtrec)

2. Hazard identification

Classification of the substance or mixture

Eye Irritation - Category 2 Causes serious eye irritation.

Label elements

Symbols:



Signal word: **Warning**

Hazard statements: Causes serious eye irritation.

Precautionary statements:

Wash hands and face thoroughly after handling.

Wear protective gloves/protective clothing/eye protection.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

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Other hazards

Special danger of slipping by leaking/spilling product.

Following information applies to the component Polydimethylsiloxane:

Measurements taken at temperatures exceeding 302 °F have revealed that a small quantity of formaldehyde splits off through oxidative decomposition.

3. Composition/information on ingredients**Mixtures**

Chemical characterization: Polydimethylsiloxane (20% - 45%) - emulsion in water, contains wax-emulsion

Relevant ingredients:

CAS No.	Designation	Concentration	Classification
CAS 9043-30-5	Fatty alcohol ethoxylate C13 + 6 EO	< 3 %	Eye Damage - Category 1. Aquatic toxicity - chronic - Category 3.
CAS 55965-84-9	Mixture of 5-chloro-2-methyl-2H-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	< 0.0015 %	Acute Toxicity - oral - Category 3. Acute Toxicity - dermal - Category 2. Acute Toxicity - inhalative - Category 2. Skin Corrosion - Category 1C. Eye Damage - Category 1. Sensitization - skin - Category 1A. Aquatic toxicity - acute - Category 1 (M-factor = 100). Aquatic toxicity - chronic - Category 1 (M-factor = 100).

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

Additional information: Information about Mixture of 5-chloro-2-methyl-2H-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (CAS 55965-84-9):
Contains: 5-Chloro-2-methyl-2H-isothiazol-3-one (CAS 26172-55-4),
2-Methyl-2H-isothiazol-3-one (CAS 2682-20-4).

4. First aid measures

General information:	First aider: Pay attention to self-protection! If medical advice is needed, have product container or label at hand.
In case of inhalation:	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Seek medical attention if problems persist.
Following skin contact:	After contact with skin, wash immediately with soap and plenty of water. Take off contaminated clothing and wash it before reuse. In case of skin reactions, consult a physician.
After eye contact:	Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Remove contact lenses, if present and easy to do. Continue rinsing. Subsequently seek the immediate attention of an ophthalmologist.
After swallowing:	Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person. Induce vomiting. Seek medical treatment in case of troubles.

Most important symptoms/effects, acute and delayed

Causes serious eye irritation.

May cause allergic reactions in already sensitized persons.



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Information to physician

Treat symptomatically.

5. Fire-fighting measures

Suitable (and unsuitable) extinguishing media

Suitable extinguishing media:

Use extinguishing material as appropriate for the surrounding area.

Extinguishing media which must not be used for safety reasons:

Full water jet

Specific hazards arising from the chemical

May form dangerous gases and vapors in case of fire.

In the event of a fire, the following may be produced when the water evaporates:
formaldehyde, silicon dioxide, carbon monoxide and carbon dioxide.

Protective equipment and precautions for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

Additional information:

Use fine water spray to cool endangered containers.

In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.

Do not allow water used to extinguish fire to enter drains, ground or waterways.

Fire residuals and contaminated extinguishing water must be disposed of in accordance with the regulations of the local authorities.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Do not breathe mist/vapors/spray. Avoid contact with the substance.

If possible, eliminate leakage. Provide adequate ventilation.

Wear appropriate protective equipment. Keep unprotected people away.

Take off contaminated clothing and wash it before reuse.

Environmental precautions:

Do not allow to enter into ground-water, surface water or drains.

If necessary, notify appropriate authorities.

Methods and material for containment and cleaning up

Methods for clean-up:

Soak up with absorbent materials such as sand, siliceous earth, acid- or universal binder.

Store in special closed containers and dispose of according to ordinance.

Clean contaminated area with soap and water.

Additional information:

Special danger of slipping by leaking/spilling product.



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7. Handling and storage

Precautions for safe handling

Advices on safe handling: Provide adequate ventilation, and local exhaust as needed. Do not breathe mist/vapors/spray. Do not get in eyes, on skin, or on clothing. Wear appropriate protective equipment.
Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Take off contaminated clothing and wash it before reuse.
Have eye wash bottle or eye rinse ready at work place.

Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers:

Store containers tightly closed in a cool, dry, well ventilated area at temperatures not below 33.8 °F.
Protect from heat/sunlight and frost.
Store containers in upright position.

Hints on joint storage:

Do not store together with strong oxidizing agents.
Keep away from food, drink and animal feedingstuffs.

8. Exposure controls/personal protection

Appropriate engineering controls

Provide for good ventilation or exhaust system or work with completely self-contained equipment.

Personal protection equipment (PPE)

Respiratory protection: Respiratory protection must be worn whenever the TLV (WEL) levels have been exceeded. Use filter type A (= against vapors of organic substances) according to OSHA Standard - 29 CFR: 1910.134 or ANSI Z88.2.

The filter class must be suitable for the maximum contaminant concentration (gas/vapor/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus must be used.

Hand protection:

Protective gloves according to OSHA Standard - 29 CFR: 1910.138.

Glove material: butyl caoutchouc (butyl rubber)-Layer thickness: 0,7 mm

Breakthrough time: 480 min.

Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

Eye protection:

Tightly sealed goggles according to OSHA Standard - 29 CFR: 1910.133 or ANSI Z87.1-2010.

Body protection:

Wear suitable protective clothing.

General hygiene considerations:

Do not breathe mist/vapors/spray. Do not get in eyes, on skin, or on clothing.

Take off contaminated clothing and wash it before reuse.

Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.

Have eye wash bottle or eye rinse ready at work place.

Environmental exposure controls

Refer to 6.: Section "Environmental precautions".



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9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state at 68 °F and 101.3 kPa	liquid
Color:	Milky-white
Odor:	Weak, characteristic
Odor threshold:	No data available
Melting point/freezing point:	32 °F
Initial boiling point and boiling range:	> 212 °F
Flammability:	No data available
Explosion limits:	No data available
Flash point/flash point range:	not combustible
Evaporation rate:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	> 150°C
pH:	6 - 8
Viscosity:	No data available
Water solubility:	at 68 °F: Completely miscible
Partition coefficient: n-octanol/water:	No data available
Vapor pressure:	No data available
Density:	at 68 °F: approx. 0.99 g/mL
Vapor density:	No data available
Particle characteristics:	Not applicable

Additional information

Additional information:	No data available
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10. Stability and reactivity

Reactivity:	Refer to subsection "Possibility of hazardous reactions".
Chemical stability:	Stable under recommended storage conditions.
Possibility of hazardous reactions:	No hazardous reaction when handled and stored according to provisions.
Conditions to avoid:	Protect from heat/sunlight and frost.
Incompatible materials:	Strong oxidizing agents
Hazardous decomposition products:	No hazardous decomposition products when regulations for storage and handling are observed.



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11. Toxicological information

Information on toxicological effects

Toxicological effects: The statements are derived from the properties of the single components. No toxicological data is available for the product as such.

Acute toxicity (oral): Lack of data.

Acute toxicity (dermal): Lack of data.

Acute toxicity (inhalative): Lack of data.

Skin corrosion/irritation: Lack of data.

Serious eye damage/irritation: Eye Irritation - Category 2 = Causes serious eye irritation.

Sensitisation to the respiratory tract: Lack of data.

Skin sensitisation: Based on available data, the classification criteria are not met.

Contains Mixture of 5-chloro-2-methyl-2H-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction.

Germ cell mutagenicity/Genotoxicity: Lack of data.

Carcinogenicity: Lack of data.

Reproductive toxicity: Lack of data.

Effects on or via lactation: Lack of data.

Specific target organ toxicity (single exposure): Lack of data.

Specific target organ toxicity (repeated exposure): Lack of data.

Aspiration hazard: Lack of data.

Symptoms

After eye contact: Upon direct contact with eyes may cause burning, tearing, redness.

General remarks

Following information applies to the component Polydimethylsiloxane:
Measurements taken at temperatures exceeding 302 °F have revealed that a small quantity of formaldehyde splits off through oxidative decomposition.

12. Ecological information

Ecotoxicity

Further details: No data available

Persistence and degradability

Further details: Following information applies to the component Polydimethylsiloxane:
Siloxanes are removed from water by sedimentation or binding to sewage sludge.

Bioaccumulative potential

Partition coefficient: n-octanol/water:
No data available

Mobility in soil

No data available

Other adverse effects

General information: Do not allow to enter into ground-water, surface water or drains.



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13. Disposal considerations

Waste treatment methods

Product

Recommendation: Dispose of waste according to applicable legislation.
Do not dispose of with household waste.

Package

Recommendation: Dispose of waste according to applicable legislation.
Non-contaminated packages may be recycled.

14. Transport information

UN number

DOT, IMDG, IATA-DGR: not applicable

UN proper shipping name

DOT, IMDG, IATA-DGR: Not restricted

Transport hazard class(es)

DOT, IMDG, IATA-DGR: not applicable

Packing group

DOT, IMDG, IATA-DGR: not applicable

Environmental hazards

Marine pollutant: no

Transport in bulk according to IMO instruments

No data available

Special precautions for user

USA: Department of Transportation (DOT)

Proper shipping name: Not restricted

Sea transport (IMDG)

Proper shipping name: Not restricted

Marine pollutant: no

Air transport (IATA)

Proper shipping name: Not restricted

Further information

No dangerous good in sense of these transport regulations.



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15. Regulatory information

National regulations - U.S. Federal Regulations

Fatty alcohol ethoxylate C13 + 6 EO:

TSCA Inventory: listed

5-Chloro-2-methyl-2H-isothiazol-3-one:

TSCA Inventory: listed; EPA flags PMN, SP

2-Methyl-2H-isothiazol-3-one:

TSCA Inventory: listed; EPA flags PMN, SP

National regulations - U.S. State Regulations

No data available

Further regulations, limitations and legal requirements

No data available

16. Other information

Text for labeling: Contains < 3 % Fatty alcohol ethoxylate C13 + 6 EO, < 0.0015 % Mixture of 5-chloro-2-methyl-2H-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1).

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Classification procedure: Physical hazards: on basis of test data
Health hazards, environmental hazards: calculation method

Hazard rating systems: NFPA Hazard Rating:
Health: 1 (Slight)
Fire: 0 (Minimal)
Reactivity: 0 (Minimal)



HMIS Version III Rating:
Health: 1 (Slight)
Flammability: 0 (Minimal)
Physical Hazard: 0 (Minimal)
Personal Protection: X = Consult your supervisor

HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
	X

Abbreviations and acronyms:

Acute Toxicity: Acute toxicity
Aquatic toxicity - acute: Hazardous to the aquatic environment - acute
Aquatic toxicity - chronic: Hazardous to the aquatic environment - chronic
AS/NZS: Australian Standards/New Zealand Standards
CAS: Chemical Abstracts Service
CFR: Code of Federal Regulations
CLP: Classification, Labelling and Packaging
DMEL: Derived minimal effect level
DNEL: Derived no-effect level
DOT: Department of Transportation's Safety Regulations (USA)
EC: European Community
EmS: Emergency Response Procedures for Ships Carrying Dangerous Goods
EN: European Standard
EQ: Excepted quantities
Eye Damage: Eye damage
Eye Irritation: Eye irritation
IATA: International Air Transport Association
IATA-DGR: International Air Transport Association – Dangerous Goods Regulations
IBC Code: International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
IMDG Code: International Maritime Dangerous Goods Code
IMO: International Maritime Organization
INN: international nonproprietary name
MARPOL: Maritime Pollution: The International Convention for the Prevention of Pollution from Ships
M-factor: Multiplication factor
MFSU: Manufacture, formulation, supply and use



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OEL: Occupational Exposure Limit Value
OSHA: Occupational Safety and Health Administration
PBT: Persistent, bioaccumulative and toxic
PNEC: Predicted no-effect concentration
Sensitization - skin: Skin sensitisation
Skin Corrosion: Skin corrosion
Skin Irritation: Skin irritation
TLV: Threshold Limit Value
TRGS: Technical Rules for Hazardous Substances
vPvB: Very persistent and very bioaccumulative
WEL: Workplace Exposure Limit

Department issuing data sheet

Contact person: see section 1: Department responsible for information

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.