
SECTION 1 : Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form	: Mixture
Product name	: Natron® SE Series silicone inks
Product code	: SE Series
Type of product	: Boston Industrial Solutions, Inc. Product
Product group	: Trade Product
Other means of identification	: 310 White, 300 Black, 312 Mixing Yellow, 314 Lemon Yellow, 315 Yellow, 315HD Yellow, 317 Gold Yellow, 354 Rhodamine Red, 355 Magenta, 351 Rubine Red, 352 Red, 358 Signal Red, 330 Light Blue, 333 Blue, 336 Reflex Blue, 337 Dark Blue, 350 Bright Red, 322 Mixing Orange, 324 Orange, 325 Dark Orange, 341 Violet, 342 Dark Violet, 338 Mixing, 339 Purple, 344 Light Green, 346 Mixing Green, 345 Bright Green, 348 Green, 377 Silver, 371 Gold, 363 Brown, 390 Cool Gray, 903 Neon Yellow, 905 Neon Red, 906 Neon Pink, 902 Neon Green, 901 Neon Blue, 904 Neon Orange

1.2. Relevant identified uses of the substance or mixture and uses advised against**1.2.1. Relevant identified uses**

Main use category	: Industrial use
Industrial/Professional use spec	: Industrial
Use of the substance/mixture	: Silicon inks for pad printing , screen printing, and spray painting

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet**Boston Industrial Solutions, Inc.**

165 New Boston St., Suite X, Woburn, MA 01801, USA

Tel: +1 (781) 281 2558 | Fax: +1 (781) 810 0170 | Email: info@bostonindustrialsolutions.com

1.4. Emergency telephone number and contact information

Boston Industrial Solutions, Inc.

Tel: +1 (781) 281-2558

Email: info@bostonindustrialsolutions.com

SECTION 2 : Hazards identification & ingredients

2.1. Classification of the substance or mixture

Not classified & None

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Not classified as dangerous.

2.3. Other hazards

No additional information available

SECTION 3 : Composition/Information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification
Silicone Polymer	CAS 541-02-6	50 - 80	Not classified
Ingredients are not classified as health and/or environmental hazards, and/or are present below cut-off/concentration limits			

Full text of H-phrases: see section 16

SECTION 4 : First aid measures

4.1. Description of first aid measures

- First-aid measures after inhalation : If you feel unwell, seek medical advice. Assure fresh air breathing.
- First-aid measures after skin contact : Gently wash with plenty of soap and water. Product is not irritating for the skin. Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
- First-aid measures after eye contact : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- First-aid measures after ingestion : Rinse mouth with water, do not induce vomiting, call a doctor. Never give anything by mouth to an unconscious person.

4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/injuries after skin contact : Not expected to be an irritant.
- Symptoms/injuries after eye contact : Redness.
- Symptoms/injuries after ingestion : irritating to mouth, throat and stomach.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5 : Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Carbon dioxide. Dry powder. Foam.
- Unsuitable extinguishing media : None, to our knowledge.

5.2. Special hazards arising from the substance or mixture

- Fire hazard : Not flammable.
- Explosion hazard : Product is not explosive.

5.3. Advice for firefighters

- Precautionary measures fire : No special measures required.
- Firefighting instructions : Avoid (reject) fire-fighting water to enter environment.
- Protection during firefighting : Wear self-contained breathing apparatus and protective suit (see item 8).

SECTION 6 : Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

- Emergency procedures : Do not attempt to take action without suitable protective equipment. Evacuate unnecessary personnel. Evacuate the personnel away from the fumes.

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Collect spillage. Absorb spillage to prevent material damage.

6.4. Reference to other sections

No additional information available

SECTION 7 : Handling and storage

7.1. Precautions for safe handling

Handling temperature	: 10 - 40 °C
Hygiene measures	: Always wash hands after handling the product. Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	: Keep cool. Keep the container tightly closed. Do not expose to temperatures exceeding 50 °C/ 122 °F.
Incompatible products	: strong acids. Strong bases.
Maximum storage period	: ≈ 1 year
Storage temperature	: 10 - 35 °C
Storage area	: Store away from heat.

7.3. Specific end use(s)

No additional information available.

SECTION 8 : Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Hand protection	: protective gloves
Eye protection	: Chemical goggles or safety glasses
Skin and body protection	: Wear suitable protective clothing Grossly contaminated clothing should be removed and the skin washed with soap and water or a proprietary skin cleaner
Respiratory protection	: None under normal use
Environmental exposure controls	: The substance is not classified for human health hazards or for environment effects and it is not PBT or vPvB so that no exposure assessment or risk characterisation is required. For tasks where the intervention of workers is required, the substance must be handled in accordance with good industrial hygiene and safety procedures.

SECTION 9 : Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Viscous fluid
Color	: White
Odor	: Mild / odorless.
Odor threshold	: No data available
pH	: No data available
Relative evaporation rate (butyl acetate=1)	: Not applicable
Melting point	: No data available
Freezing point	: No data available
Boiling point	: > 200 °C
Flash point	: > 100 °C
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: No data available
Specific gravity / density	: 1 - 1.5 kg/l
Solubility	: Not soluble in water, so only minimally biodegradable.
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: ≈ 100000 mPa.s
Explosive properties	: None to our knowledge.
Oxidizing properties	: No data available
Explosion limits	: No data available

9.2. Other information

VOC content : 0 %

SECTION 10 : Stability and reactivity

10.1. Reactivity

None.

10.2. Chemical stability

The product is stable at normal handling- and storage conditions.

10.3. Possibility of hazardous reactions

None.

10.4. Conditions to avoid

No additional information available

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

No additional information available

SECTION 11 : Toxicological information

11.1. Information on toxicological effects

Acute toxicity	: Not classified
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified

Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated exposure) : Not classified

Aspiration hazard : Not classified

SECTION 12 : Ecological information

12.1. Toxicity

No additional information available

12.2. Persistence and degradability

Natron™ SE Series	
Persistence and degradability	No known ecological damage caused by this product.

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13 : Disposal considerations

13.1. Waste treatment methods

No additional information available

SECTION 14 : Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

14.1. UN number

UN-No. (ADR)	: Not applicable
UN-No. (IMDG)	: Not applicable
UN-No. (IATA)	: Not applicable
UN-No. (ADN)	: Not applicable
UN-No. (RID)	: Not applicable

14.2. UN proper shipping name

Proper Shipping Name (ADR)	: Not applicable
Proper Shipping Name (IMDG)	: Not applicable
Proper Shipping Name (IATA)	: Not applicable
Proper Shipping Name (ADN)	: Not applicable
Proper Shipping Name (RID)	: Not applicable

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) : Not applicable

IMDG

Transport hazard class(es) (IMDG) : Not applicable

IATA

Transport hazard class(es) (IATA) : Not applicable

ADN

Transport hazard class(es) (ADN) : Not applicable

RID

Transport hazard class(es) (RID) : Not applicable

14.4. Packing group

Packing group (ADR) : Not applicable

Packing group (IMDG) : Not applicable

Packing group (IATA) : Not applicable

Packing group (ADN) : Not applicable

Packing group (RID) : Not applicable

14.5. Environmental hazards

Dangerous for the environment : No

Marine pollutant : No

Other information : No supplementary information available

14.6. Special precautions for user**- Overland transport**

No data available

- Transport by sea

Transport regulations (IMDG) : Not subject

- Air transport

Transport regulations (IATA) : Not subject

- Inland waterway transport

No data available

- Rail transport

Transport regulations (RID) : Not subject

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Not applicable

SECTION 15 : Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no REACH candidate substance

Contains no REACH Annex XIV substances.

VOC content : 0 %

TSCA INVENTORY STATUS : This material or all its contents are listed on the Toxic Substances Control Act (TSCA).
Section 302 extremely toxic

: This material contains no Extremely Hazardous Substances (EHS). This material contains no Extremely Hazardous Substances (EHS) and is not on the CERCLA list.

15.2. Chemical safety assessment

No additional information available

SECTION 16 : Other information

SDS

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety, and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

We believe the above information is correct as of the date of this SDS. However, as this information and the conditions under which the product are used are beyond the control of Boston Industrial Solutions, Inc., it is the user's obligation to determine the conditions for the safe use of the product. No warranty, expressed or implied, is hereby made.