



## CHEMEON® Seal 6300

### SECTION 1: Identification

**Product identifier:** CHEMEON® Seal 6300  
**Other Names:** Metalast Seal 6300 (prior to June, 2015).  
**Product Code Number:** Not applicable.  
**Recommended use:** Low temperature seal for anodized aluminum.  
**Recommended restrictions:** Uses other than as recommended above.

#### Manufacturer/Importer/Supplier/Distributor information:

**Company Name:** CHEMEON Surface Technology, LLC.  
**Company Address:** 2241 Park Place, Bldg. B  
Minden, NV 89423.  
**Company Telephone:** (775) 782-8324  
**Company Contact Name:** Customer Service  
8:00 AM – 5:00 PM PST, Mon-Fri.  
**Emergency phone number:** Chemtrec 24 hr. Emergency Telephone  
800-424-9300 within U.S.  
703-527-3887 outside U.S.

### SECTION 2: Hazard(s) identification

#### Classification of the chemical in accordance with paragraph (d) of §1910.1200:

##### *Physical hazards*

No physical hazards under GHS classification.

##### *Health hazards*

Acute toxicity, Oral (Category 4), H302  
Acute toxicity, Inhalation (Category 4)  
Skin irritation (Category 2), H315  
Serious eye damage (Category 1), H318  
Respiratory sensitisation (Category 1), H334  
Skin sensitisation (Category 1), H317  
Germ cell mutagenicity (Category 2), H341  
Carcinogenicity (Category 1A), H350  
Reproductive toxicity (Category 1B), H360  
Specific target organ toxicity - repeated exposure, Inhalation (Category 1), Respiratory tract, H372

##### *Environmental hazards*

No environmental hazards under GHS classification.

**GHS Signal word:** **DANGER.**

**GHS Hazard statement(s):**

H302 + H332 - Harmful if swallowed or if inhaled.  
 H315 - Causes skin irritation.  
 H318 - Causes serious eye damage.  
 H317 – May cause an allergic skin reaction.  
 H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
 H341 - Suspected of causing genetic defects.  
 H350 - May cause cancer.  
 H360 - May damage fertility or the unborn child.  
 H372 - Causes damage to organs (respiratory tract) through prolonged or repeated exposure.

**GHS Hazard symbol(s):**



**GHS Precautionary statement(s):**

**Prevention:**

- P201 - Obtain special instructions before use.
- P202 - Do not handle until all safety precautions have been read and understood.
- P260 - Do not breathe dust/fume/gas/mist/vapors/spray.
- P264 - Wash skin thoroughly after handling.
- P270 - Do not eat, drink or smoke when using this product.
- P271 - Use only outdoors or in a well-ventilated area.
- P272 - Contaminated work clothing should not be allowed out of the workplace.
- P280 - Wear protective gloves/ protective clothing/ eye protection/ face protection.
- P284 - In case of inadequate ventilation wear respiratory protection.

**Response:**

- P301+P312+P330 - IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell. Rinse mouth.
- P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
- P304+P340+P312 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/ physician if you feel unwell.
- P305+P351+P338+P310 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor.
- P308+P313- If exposed or concerned: Get medical advice/attention.
- P333+P313 - If skin irritation or rash occurs: Get medical advice/ attention.
- P342+P311 - If experiencing respiratory symptoms: Call a POISON CENTER or doctor/ physician.
- P362+P364 - Take off contaminated clothing and wash it before reuse.

**Storage:**

- P405 – Store locked up.

**Disposal:**

- P501 – Dispose of contents/container in accordance with local/regional/national/international regulations.

**SECTION 3: Composition/information on ingredients****Mixture:**

Component	CAS No	Concentration (weight %)
Nickel Salts	10028-18-9	5-25%

Note: The balance of the ingredients are not classified as hazardous or are below the concentration limit to be classified as hazardous, under the criteria of the Federal OSHA Hazard Communication Standard 29CFR 1910.1200.

**SECTION 4: First-aid Measures**

**Inhalation:** Immediately move person to fresh air if vapor or mist of product is inhaled. Seek immediate medical attention if symptoms develop.

**Skin contact:** Immediately remove all contaminated clothing. Wash affected area with water and soap. If irritation occurs seek medical attention.

**Eye contact:** In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes. Ensure adequate flushing of eyes by separating eyelids with fingers. Seek medical attention.

**Ingestion:** Wash out mouth with large amounts of water and do not induce vomiting. Seek medical attention.

**Most important symptoms/effects, acute and delayed:** The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

**Indication of immediate medical attention and special treatment needed:** If any symptoms are observed, contact a physician and give them this SDS sheet. If exposed or concerned: Get medical advice/attention.

**SECTION 5: Fire-fighting measures**

**Suitable extinguishing media:** Use Water, alcohol-resistant foam, CO<sub>2</sub> or dry chemical.

**Special protective equipment and precautions for fire-fighters:**

As in any fire, wear self-contained breathing apparatus for fighting if necessary.

**Special hazards arising from the mixture:** Hydrogen fluoride, Nickel/nickel oxides

## SECTION 6: Accidental release measures

**Personal precautions, protective equipment and emergency procedures:** Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

**Environmental Precautions:** Stop spill/release if it can be done safely. Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems, and natural waterways. Use water sparingly to minimize environmental contamination and reduce disposal requirements. If spill occurs on water notify appropriate authorities and advise shipping of any hazard.

**Methods and material for containment and cleaning up:** Absorb spill with inert material and shovel into appropriate waste disposal container. Dispose of collected material according to regulations.

## SECTION 7: Handling and Storage

**Precautions for safe handling:** Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Further processing of solid materials may result in the formation of combustible dusts. The potential for combustible dust formation should be taken into consideration before additional processing occurs.

Provide appropriate exhaust ventilation at places where dust is formed. Keep away from sources of ignition - No smoking. Keep away from heat and sources of ignition.

**Conditions for safe storage, including any incompatibles:** Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

## SECTION 8: Exposure controls/personal protection

### Control Parameters:

### Occupational exposure limits:

Component	CAS-No.	Value	Control parameters	Basis
Nickel salts	10028-16-9	TWA	2.5 mg/m <sup>3</sup>	USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants

### Individual protection measures, such as personal protective equipment:

**Eye/face protection:** Wear safety glasses and a face shield where a splash hazard exists. Wear a full-face respirator, if needed. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

**Skin and Hand protection:** Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact

with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

**Full contact**

Material: Nitrile rubber

Minimum layer thickness: 0.11 mm

Break through time: 480 min

Material tested: Dermatril® (KCL 740 / Aldrich Z677272, Size M)

**Splash contact**

Material: Nitrile rubber

Minimum layer thickness: 0.11 mm

Break through time: 480 min

Material tested: Dermatril® (KCL 740 / Aldrich Z677272, Size M)

**Respiratory protection:** Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Other:** Eye wash, safety shower and washing facilities should be available in the work area.

**Thermal hazards:** No data available.

## SECTION 9: Physical and chemical properties

### Appearance

<b>Physical state:</b>	Liquid
<b>Color:</b>	Green
<b>Odor:</b>	No data available
<b>Odor threshold:</b>	No data available
<b>pH:</b>	5 (solution of 2%)
<b>Melting point/freezing point:</b>	<4° F
<b>Initial Boiling Point and boiling range:</b>	212° F
<b>Flash point:</b>	No data available
<b>Evaporation rate:</b>	No data available
<b>Flammability (solid, gas):</b>	No data available
<b>Upper/lower flammability or explosive limits</b>	
<b>Flammability limit – lower (%):</b>	No data available
<b>Flammability limit – upper (%):</b>	No data available
<b>Explosive limit – lower (%):</b>	No data available
<b>Explosive limit – upper (%):</b>	No data available
<b>Vapor pressure:</b>	No data available
<b>Vapor density (air=1):</b>	No data available
<b>Relative density (water = 1):</b>	Not determined

<b>Solubility(ies):</b>	100%
<b>Partition coefficient (n-octanol/water):</b>	No data available
<b>Ignition temperature:</b>	No data available
<b>Auto-ignition temperature:</b>	No data available
<b>Decomposition temperature:</b>	No data available
<b>Viscosity @ 20°C:</b>	No data available
<b>Specific Gravity/Wt. per gal.</b>	1.1

#### SECTION 10: Stability and Reactivity

<b>Reactivity:</b>	No data available.
<b>Chemical stability:</b>	Stable under recommended storage conditions.
<b>Possibility of hazardous reactions:</b>	No data available
<b>Conditions to avoid:</b>	No data available
<b>Incompatible materials:</b>	Peroxides.
<b>Hazardous decomposition products:</b>	No data available

#### SECTION 11: Toxicological information

##### Information on toxicological effects:

Acute Oral Toxicity	:	No data available
Acute Inhalation Toxicity	:	No data available
Acute Dermal Toxicity	:	No data available
Skin corrosion/irritation	:	No data available
Serious eye damage/eye irritation	:	No data available
Respiratory/skin sensitization	:	No data available
Aspiration toxicity	:	No data available
Mutagenicity assessment	:	No data available

##### Carcinogenicity:

IARC	Group 1: Nickel salts is known carcinogen to humans Group 3: Not classifiable as carcinogenic to humans
NTP	Nickel salts is identified as a known or anticipated carcinogen by NTP.
OSHA	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reprotoxicity / teratogenicity	:	No data available
General information	:	To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

**SECTION 12: Ecological information**

<b>Ecotoxicity:</b>	No data available
<b>Persistence and Degradability:</b>	No data available
<b>Bioaccumulative Potential:</b>	No data available
<b>Mobility in Soil:</b>	No data available
<b>Other adverse effects:</b>	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Very toxic to aquatic life with long lasting effects.

**SECTION 13: Disposal considerations**

**Product** - Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

**Contaminated packaging** - Dispose of as unused product.

**SECTION 14: Transport Information****Land transport DOT**

This material is not classified as dangerous under DOT regulations.

**Maritime transport IMDG**

This material is not classified as dangerous under IMDG regulations.

**Air transport ICAO-TI and IATA-DGR**

This material is not classified as dangerous under IATA regulations.

**SECTION 15: Regulatory Information****SARA 302 Components**

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313 Components**

The following components are subject to reporting levels established by SARA Title III, Section 313:

Nickel difluoride, 10028-18-9

**SARA 311/312 Hazards**

Acute Health Hazard, Chronic Health Hazard

**Massachusetts Right To Know Components**

No components are subject to the Massachusetts Right to Know Act.

**Pennsylvania Right To Know Components**

Nickel difluoride, 10028-18-9.

**New Jersey Right To Know Components**

Nickel difluoride, 10028-18-9

**California Prop. 65 Components**

WARNING! This product contains a chemical known to the State of California to cause cancer.  
Nickel difluoride, 10028-18-9

**SECTION 16: Other Information**

**To the best of our knowledge, the information contained herein is accurate. However, CHEMEON Surface Technology, LLC does not assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.**