

Dynatex Anti-Seize Nickel

Safety Data Sheet

Dynatex Anti-Seize Nickel

SOUDAL Safety Data Sheet

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

1.1. Product identifier

Product form : Mixture
Trade name : Dynatex Anti-Seize Nickel
Reference number : 143490

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

1.2.1. Relevant identified uses

Intended for general public
Main use category : Consumer use, Professional use
Use of the substance/mixture : Adhesive

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Soudal
350 Ring Road
Elizabethtown, KY 42701
(270) 769-3385
technical@soudalaccumetric.com -
www.SoudalUSA.com

1.4. Emergency telephone number

Emergency number : (800) 424-9300 CHEMTREC
24h/24h

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

OSHA/HCS Status: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Classification

SENSITIZATION – SKIN Category 1
SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) Category 1

Adverse physicochemical, human health and environmental effects

2.2. Label elements

Hazard pictograms (CLP) :



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Signal word (CLP)	: DANGER
Hazard statements (CLP)	: Causes serious eye irritation. Causes damage to organs through prolonged or repeated exposure.
Precautionary statements (CLP)	: If medical advice is needed, have product container or label at hand. Do not breathe dust. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep out of reach of children. Read label before use. Avoid breathing dust/fume/gas/vapors/spray. Wear protective gloves. Wear eye protection/face protection. Wash thoroughly after handling. Do not eat, drink, smoke when using this product. Use only outdoors or in a well-ventilated area. Contaminated work clothing must not be allowed out of the workplace. IF ON SKIN: Wash with plenty of soap and water. 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/doctor. Specific treatment (see on this label) If SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call a poison center/doctor if you feel unwell. If INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER/doctor. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Rinse mouth. If on skin: Wash with plenty of water. Storage Store in a well-ventilated place. Keep container tightly closed. Store locked up. Keep container tightly closed.
Disposal	Dispose of contents and container in a accordance with all local, regional, national, and international regulations.
Extra phrases	:

2.3. Other hazards

No data available.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%
Nickel	CAS-No: 7440-02-0	5 – 20
Aluminum powder (stabilized)	CAS-No.: 7429-90-5	1 - 5

Any concentration shown in a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in concentrations applicable, are classified as hazardous to health of the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : Treat according to person's condition and specifics of exposure.

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First-aid measures after inhalation	: Show this material safety data sheet to the doctor in attendance. : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing mouth-to-mouth resuscitation. Get medical attention following exposure or if feeling unwell. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as collar, tie, belt, or waistband.
First-aid measures after skin contact	: Wash with plenty of soap and water. Get medical attention. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for 20 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.
First-aid measures after eye contact	: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 20 minutes. Get medical attention.
First-aid measures after ingestion	: Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention following exposure or if feeling unwell. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as collar, tie, belt, or waistband.

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

Symptoms/effects after skin contact	: May cause an allergic skin reaction.
Symptoms/effects after eye contact	: No known significant effects or critical hazards.
Symptoms/effects after inhalation	: No known significant effects or critical hazards.
Symptoms/effects after ingestion:	: No known significant effect or critical hazards.

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

Notes to physicians:	Treat symptomatically. Contact poison control treatment specialist immediately if large quantities have been ingested or inhaled.
Specific treatments:	No specific treatments.
Protection of first aiders:	No actions shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11).

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Carbon dioxide, extinguishing powder, or water spray, foam
Unsuitable extinguishing media	: None known

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire	: carbon oxides, metal oxides
Unusual Fire and Explosion Hazards	: No specific fire or explosion hazard.

5.3. Advice for firefighters

Fire Fighting Procedures: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Special protective equipment for firefighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures	No action shall be taken involving any personal risk or without suitable training. Ensure adequate ventilation. Wear protective clothing.
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6.1.2. For emergency responders

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Protective equipment : If specialized clothing is required to deal with the spillage, take note of any information in section 8 on suitable and unsuitable materials. See also the information in 6.1.1.

6.2. Environmental precautions

Avoid dispersal of spilled materials and runoff and contact with soil, waterways, drains, and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, oil, or air).

6.3. Methods and material for containment and cleaning up

For containment : Discharge into environment must be avoided. Prevent further leakage or spillage if safe to do so. Retain and dispose of contaminated water.

Methods for cleaning up : Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdus.

Other information : Dispose of materials or solid residues via an authorized disposal contractor.

6.4. Reference to other sections

For further information refer to section 7, 8, 11, 12, and 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Keep away from heat and direct sunlight. Ensure good ventilation at the workplace.
Hygiene : Eating drinking and smoking should be prohibited in areas where this material is handled, stroed, and processed. Workers should wash hands and face before eating, drinking, or smoking. See also section 8 for additional information on hygiene measures.

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7.2. Conditions for safe storage, including any incompatibilities

Storage conditions Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool, and well-ventilated area, away from incompatible materials. Store away from oxidizing agents and self-igniting products.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

Nickel (7440-02-0)	
NIOSH REL (TWA)	0.15 mg/m ³
ACGIH TLV (TWA)	1.5 mg/m ³ Inhalable fraction
OSHA PEL (TWA)	1.0 mg/m ³
Aluminum powder (stabilized) (7429-90-5)	
NIOSH REL (TWA)	5 mg/m ³ Respirable fraction 5 mg/m ³ Total
ACGIH TLV (TWA)	1 mg/m ³ Respirable fraction
OSHA PEL (TWA)	5 mg/m ³ Respirable fraction 15 mg/m ³ Total

8.1.2. Recommended monitoring procedures

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

8.1.3. Air contaminants formed

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls: If user operations generate dust, fumes, gas, vapor, or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure .

8.2.2. Personal protection equipment

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection:

Protective goggles

8.2.2.2. Skin protection

Skin and body protection:

Protective clothing with long sleeves

Hand protection:

Protective gloves against chemicals

8.2.2.3. Respiratory protection

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Respiratory protection:

Use respiratory protection unless adequate risk management measures (exhaust/ventilation) are provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines.

Filter Type:

Combined particulate and organic vapor type.

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: soft grease
Color	: Silver
Odor	: characteristic
Odor threshold	: Not available
Melting point	: Not available
Freezing point	: Not available
Boiling point	: Not available
Flash point :	: 218.33°C (425°F) (Cleveland)
Flammability	: Not applicable
Explosive limits	: Not applicable
Lower explosion limit	: Not available
Upper explosion limit	: Not available
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
pH	: Not applicable
Viscosity, kinematic	: 250,000 mPas
Solubility	: Insoluble in water.
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapor pressure	: Not available
Vapor pressure at 50 °C	: Not available
Density	: 1.18 g/cm ³
Relative density	: Not available
Relative vapor density at 20 °C	: Not available
Particle characteristics	: Not applicable

9.2. Other information

9.2.1. Information with regard to physical hazard classes

9.2.2. Other safety characteristics

VOC content : Not available

SECTION 10: Stability and reactivity

10.1. Reactivity

No specific test data related to reactivity available for this product or its ingredients.

10.2. Chemical stability

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Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Contact with incompatible materials and exposure to extreme temperatures.

10.5. Incompatible materials

Oxidizing materials

10.6. Hazardous decomposition products

Carbon oxides
Metal oxides

SECTION 11: Toxicological information

11.1. Information on hazard classes

Nickel (7440-02-0)

LD50 Oral – Rat	>9,000 mg/kg
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Carcinogenicity	: Category 2B
Teratogenicity	: Not available
Mutagenicity	: Not available
Reproductive Toxicity	: Not available
Specific Target Organ Toxicity	: Category 1

11.2. Information on other hazards

No additional information available

SECTION 12: Ecological information

12.1. Toxicity

Nickel (7440-02-0)

NOEC	100 mg/L (Gelnodium halli, 72 hours)
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NOEC	13 µg/L (Cyprinus carpio, 4 weeks)
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Aluminum powder (stabilized) (7429-90-5)

LC50	38,000 µg/L (Daphnia magna, 48 hours)
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NOEC	9 mg/L (Ceratophyllum demersum, 3 days)
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12.2. Persistence and Degradability

There is no data available.

12.3. Bioaccumulative Potential

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No further relevant information available.

12.4. Mobility in Soil

Soil/Water Partition Coefficient (K_{oc})

Not available

Other adverse effects:

No known significant effects or critical hazards

SECTION 13: Disposal considerations

13.1. Waste treatment methods

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling empty containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14: Transport information

UN Number	Not regulated
UN Proper Shipping Name	Not applicable
DOT Classification	None
Packing Group	None
Environmental Hazards	None

DOT- RQ details: Nickel 100 lbs (45.4 kg)

SECTION 15: Regulatory information

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

15.1.1. US Federal Regulations

TSCA

All components of this product follow the inventory listing requirements of the US Toxic Substances and Control Act (TSCA) Chemical Substances Inventory.

Clean Air Act Section 112(b) Hazardous Air Pollutants (HAPS)

DEA List I chemicals (precursor chemicals):

DEA List II Chemicals (essential chemicals):

SARA 302/304:

SARA 304 RQ:

SARA 311/312:

not listed
not listed
not listed
no products were found
not applicable

Classification

Nickel

Specific target organ toxicity (single or repeated exposure)
Skin Sensitization
Carcinogen

Category 1
Category 1
Category 2

SARA 313

Form R – Reporting requirements

Nickel (7440-02-0)
Aluminum powder (stabilized) (7429-90-5)

15.1.1. US State Regulations

California Prop 65

WARNING: This product can expose you to chemicals including Nickel, which is known to the State of California to cause cancer. For more information, go to www.P65Warnings.ca/gov

Massachusetts

Nickel (7440-02-0)
Aluminum powder (stabilized) (7429-90-5)
Graphite (7782-42-5)

New York

Nickel (7440-02-0)

New Jersey

Nickel (7440-02-0)

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Aluminum powder (stabilized) (7429-90-5)
Graphite (7782-42-5)

Pennsylvania

Nickel (7440-02-0)
Aluminum powder (stabilized) (7429-90-5)
Graphite (7782-42-5)

SECTION 16: Other information

Indication of changes

Updated to new style.

Disclaimer: The data contained herein is based upon information that Soudal believes to be reliable. Users of this product have the responsibility to determine suitability of use and to adopt all necessary precautions to ensure the safety and protection of property and persons involved in said use. All statements or suggestions are made without warranty, expressed or implied, regarding the accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof.