



element14

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[48006](#)

[50765](#)

EN
This Datasheet is presented by
the manufacturer

DE
Dieses Datenblatt wird vom
Hersteller bereitgestellt

FR
Cette fiche technique est
présentée par le fabricant



SAFETY DATA SHEET NEVERSEEZ PURE NICKEL GRADE

According to Regulation (EC) No 1907/2006

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

| | |
|--------------|-----------------------------|
| Product name | NEVERSEEZ PURE NICKEL GRADE |
| Product No. | 48006, 50765 |
| Internal Id | Covers: NSBT-8N, NSN-165 |

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

1.3. Details of the supplier of the safety data sheet

| | |
|----------|--|
| Supplier | BOSTIK LIMITED COMMON ROAD STAFFORD STAFFORDSHIRE ST16 3EH +44 1785 272625 sds.uk@bostik.com |
|----------|--|

1.4. Emergency telephone number

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

| | |
|------------------------------|------------------------|
| Classification (1999/45/EEC) | Carc. Cat. 3;R40. R43. |
|------------------------------|------------------------|

2.2. Label elements

| | |
|-----------|--------|
| Contains | NICKEL |
| Labelling | |



Harmful

Risk Phrases

| | |
|-----|--|
| R40 | Limited evidence of a carcinogenic effect. |
| R43 | May cause sensitisation by skin contact. |

Safety Phrases

| | |
|-----------|--|
| S13 | Keep away from food, drink and animal feeding stuffs. |
| S36/37/39 | Wear suitable protective clothing, gloves and eye/face protection. |
| S46 | If swallowed, seek medical advice immediately and show this container or label. |
| S56 | Dispose of this material and its container to hazardous or special waste collection point. |

2.3. Other hazards

This product, which contains nickel powder, is not an inhalation hazard in the form supplied however any dust formed by the product should be treated as hazardous.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

NEVERSEEZ PURE NICKEL GRADE

| | | |
|--|--|--------|
| ALUMINIUM POWDER (PYROPHORIC) | | 1-5% |
| CAS-No.: 7429-90-5 | EC No.: 231-072-3 | |
| Classification (EC 1272/2008) Pyr. Sol. 1 - H250 Water-react. 2 - H261 | Classification (67/548/EEC) F;R15,R17 | |
| NICKEL | | 10-30% |
| CAS-No.: 7440-02-0 | EC No.: 231-111-4 | |
| Classification (EC 1272/2008) Skin Sens. 1 - H317 Carc. 2 - H351 STOT Rep. 1 - H372 | Classification (67/548/EEC) Carc. Cat. 3;R40 T;R48/23 R43 | |

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation

Remove victim immediately from source of exposure. Move the exposed person to fresh air at once. Get medical attention.

Ingestion

DO NOT induce vomiting. Get medical attention immediately.

Skin contact

Remove affected person from source of contamination. Promptly flush contaminated skin with water. Promptly remove clothing if soaked through and flush the skin with water. Get medical attention if irritation persists after washing.

Eye contact

Rinse the eye with water immediately. Continue to rinse for at least 15 minutes and get medical attention.

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

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

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

5.2. Special hazards arising from the substance or mixture

Specific hazards

Fire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO₂).

5.3. Advice for firefighters

Protective equipment for fire-fighters

Wear self contained breathing apparatus

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

6.2. Environmental precautions

6.3. Methods and material for containment and cleaning up

Wear necessary protective equipment. Stop leak if possible without risk. DO NOT touch spilled material. Do not contaminate water sources or sewer. Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area. Do not let washing down water contaminate ponds or waterways.

6.4. Reference to other sections

NEVERSEEZ PURE NICKEL GRADE

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid spilling, skin and eye contact. Persons susceptible to allergic reactions should not handle this product.

7.2. Conditions for safe storage, including any incompatibilities

Store at moderate temperatures in dry, well ventilated area. Do not store in direct sunlight.

Storage Class

Chemical storage.

7.3. Specific end use(s)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

| Name | STD | TWA - 8 Hrs | | STEL - 15 Min | | Notes |
|-------------------------------|-----|-------------|----------------------------|---------------|--|-------|
| ALUMINIUM POWDER (PYROPHORIC) | WEL | | 4 mg/m ³ | | | |
| NICKEL | WEL | | 0.5 mg/m ³ (Sk) | | | |

WEL = Workplace Exposure Limit.

Ingredient Comments

WEL = Workplace Exposure Limits

8.2. Exposure controls

Protective equipment



Process conditions

Use engineering controls to reduce air contamination to permissible exposure level.

Respiratory equipment

Wear respirator if there is dust formation.

Hand protection

Protective gloves must be used if there is a risk of direct contact or splash.

Eye protection

Wear splash-proof eye goggles to prevent any possibility of eye contact.

Other Protection

Wear appropriate clothing to prevent repeated or prolonged skin contact.

Hygiene measures

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap & water if skin becomes contaminated. When using do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

| | |
|------------------|--------------|
| Appearance | Paste |
| Colour | Black. Grey. |
| Odour | Grease |
| Relative density | 1.28 |
| Flash point (°C) | 246 |

9.2. Other information

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

NEVERSEEZ PURE NICKEL GRADE

10.2. Chemical stability

Stable under normal temperature conditions.

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

Avoid contact with strong oxidisers.

10.5. Incompatible materials

Materials To Avoid

Strong acids. Strong oxidising substances.

10.6. Hazardous decomposition products

Fire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO₂).

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Other Health Effects

Carcinogen Category 3.

Inhalation

Harmful by inhalation. if a dust is formed.

Ingestion

Swallowing concentrated chemical may cause severe internal injury.

Skin contact

May cause sensitisation by skin contact. May cause serious chemical burns to the skin. Irritating to skin.

Eye contact

May cause chemical eye burns. May cause severe irritation to eyes.

Health Warnings

Hypersensitivity to nickel is common and can cause allergic contact dermatitis, pulmonary asthma, conjunctivitis and inflammatory reactions around nickel containing medical implants and prostheses.(Sax)

Route of entry

Skin and/or eye contact. Ingestion. Inhalation.

Medical Considerations

Skin disorders and allergies.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

Not regarded as dangerous for the environment. However, contamination of the aquatic or terrestrial environments should be avoided

12.1. Toxicity

12.2. Persistence and degradability

12.3. Bioaccumulative potential

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

SECTION 13: DISPOSAL CONSIDERATIONS

General information

This material is not classified as special waste as defined by Special Waste Regulations 1996.

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements. Recover and reclaim or recycle, if practical.

SECTION 14: TRANSPORT INFORMATION

General

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

NEVERSEEZ PURE NICKEL GRADE

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Transport Labels

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant

No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

SECTION 15: REGULATORY INFORMATION

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

Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716). Control of Substances Hazardous to Health.

Approved Code Of Practice

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.

Guidance Notes

CHIP for everyone HSG(108). Workplace Exposure Limits EH40.

EU Legislation

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

15.2. Chemical Safety Assessment

SECTION 16: OTHER INFORMATION

General information

This product should be used as directed by Bostik Ltd. For further information consult the product data sheet or contact Technical Services.

Information Sources

This safety data sheet was compiled using current safety information supplied by distributor of raw materials.

Revision Comments

NOTE: Lines within the margin indicate significant changes from the previous revision. This safety data sheet supersedes all previous issues and users are cautioned to ensure that it is current. Destroy all previous data sheets and if in doubt contact Bostik Limited.

Issued By Approved LJ

Revision Date February 2012

Revision 5

Date March 2003

Risk Phrases In Full

R15 Contact with water liberates extremely flammable gases.

R40 Limited evidence of a carcinogenic effect.

R43 May cause sensitisation by skin contact.

R17 Spontaneously flammable in air.

R48/23 Toxic: danger of serious damage to health by prolonged exposure through inhalation.

NEVERSEEZ PURE NICKEL GRADE

Hazard Statements In Full

| | |
|------|--|
| H250 | Catches fire spontaneously if exposed to air. |
| H372 | Causes damage to organs <<Organs>> through prolonged or repeated exposure. |
| H261 | In contact with water releases flammable gases. |
| H317 | May cause an allergic skin reaction. |
| H351 | Suspected of causing cancer. |



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