Safety Data Sheet

NICOBOND TRADE SOLVENT BASED SEALER 1LTR

1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier — NICOBOND TRADE SOLVENT BASED SEALER 1LTR

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

Solvent Based Sealing Agent

1.3. Details of the supplier of the safety data sheet

N&C Building Products Limited
41/51 Freshwater Road
Chadwell Heath
RM8 1SP Romford - United Kingdom
T 0208 586 4600 - F 0208 586 4646
ncnicobond.com

1.4. Emergency telephone number

Emergency telephone number : 0208 586 4600 OFFICE HOURS 08:00 - 17:00

2. Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical and Chemical Hazards	Flam. Liq. 3 - H226
Human health	EUH066;STOT SE 3 - H336;Asp. Tox. 1 - H304
Environment	Not classified.
Classification (1999/45/EEC)	Xn;R65. R10, R66, R67.

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

2.2. Label elements

EC No. 919-857-5

Contains HYDROCARBONS, C9 - C11, n-alkanes, isoalkanes, cyclics, <2% aromatics.

Label In Accordance With (EC) No. 1272/2008

Signal Word Danger

Hazard Statements

H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H336 May cause drowsiness or dizziness.

Precautionary Statements

P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P261 Avoid breathing vapour/spray.
P331 Do NOT induce vomiting.
In case of fire, use carbon dioxide (CO2) or dry chemical extinguisher. Do not use water.

Supplemental label information

EUH066 Repeated exposure may cause skin dryness or cracking.

2.3. Other hazards

3. Composition/information on ingredients

3.2. Mixtures

HYDROCARBONS, C9 - C11, n-alkanes, isoalkanes, cyclics, <2% aromatics. CAS-No.: 64742-48-9	EC No.: 919-857-5	55-100%
Classification (EC 1272/2008) Flam. Liq. 3 - H226 EUH066 STOT SE 3 - H336 Asp. Tox. 1 - H304		Classification (67/548/EEC) Xn;R65. R10,R66,R67.
Hydrocarbons, C11-C12, isoalkanes, < 2% aromatics CAS-No.: 64741-65-7		5-10%

Classification (EC 1272/2008) Flam. Liq. 3 - H226 EUH066 STOT SE 3 - H336 Asp. Tox. 1 - H304		Classification (67/548/EEC) Xn;R65. R10,R66,R67.

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

REACH Registration number 01-2119463258-33-xxxx
EC No. 919-857-5
Composition Comments

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics. Related CAS number: 64742-48-9 Benzene may be present but always below 0.1%

4. First aid measures

General information

Remove victim immediately from source of exposure. Provide fresh air, warmth and rest, preferably in comfortable upright sitting position. Perform artificial respiration if breathing has stopped. Do not give victim anything to drink if they are unconscious.

Inhalation

Remove victim immediately from source of exposure. Move into fresh air and keep at rest. Perform artificial respiration if breathing has stopped. Get medical attention if any discomfort continues.

Ingestion

Immediately rinse mouth and provide fresh air. DO NOT induce vomiting if swallowed chemical is dissolved in petroleum-based material. Danger of aspiration and development of chemical pneumonia. Get medical attention immediately!

Skin contact

Remove contaminated clothes and rinse skin thoroughly with water. Rinse with water. Contact physician if discomfort continues.

Eye contact

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if any discomfort continues.

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

Inhalation

Vapours may cause drowsiness and dizziness. Headache. Nausea, vomiting.

Ingestion

May cause discomfort if swallowed. Nausea, vomiting. Diarrhoea.

Skin contact

Prolonged contact may cause redness, irritation and dry skin.

Eye contact

Irritation of eyes and mucous membranes.

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

Treatment

Treat symptomatically.

5. Fire-fighting measures

5.1. Extinguishing media

Extinguishing media

Extinguish with foam, carbon dioxide or dry powder. Water spray, fog or mist.

Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Unusual Fire & Explosion Hazards

Vapours are heavier than air and may spread near ground to sources of ignition. May travel considerable distance to source of ignition and flash back.

Specific hazards

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

5.3. Advice for firefighters

Special Fire Fighting Procedures

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Keep up-wind to avoid fumes. If possible, fight fire from protected position. Move container from fire area if it can be done without risk. Use supplied air respirator if product is involved in a fire. Cool containers exposed to flames with water until well after the fire is out. Keep run-off water out of sewers and water sources. Dike for water control. Avoid water in straight hose stream; will scatter and spread fire.

Protective equipment for fire-fighters

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective clothing as described in Section 8 of this safety data sheet. Ensure suitable personal protection (including respiratoryprotection) during removal of spillages in a confined area. In case of inadequate ventilation, use respiratory protection. Take precautionary measures against static discharges. Do not smoke, use open fire or other sources of ignition. Do not breathe vapour. Eye contact MUST be prevented by means of suitable personal protection equipment.

6.2. Environmental precautions

Do not discharge onto the ground or into water courses. Do not allow ANY environmental contamination. Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

6.3. Methods and material for containment and cleaning up

If leakage cannot be stopped, evacuate area. Clean-up personnel should use respiratory and/or liquid contact protection. Wash thoroughly after dealing with a spillage. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb spillage with non-combustible, absorbent material. Transfer to a container for disposal. Flush area with plenty of water.

6.4. Reference to other sections

For personal protection, see section 8.

7. Handling and storage

7.1. Precautions for safe handling

Avoid spilling, skin and eye contact. Keep away from heat, sparks and open flame. Eliminate all sources of ignition. Static electricity and formation of sparks must be prevented. Storage tanks and other containers must be grounded. Protect electric equipment against sparking in case of risk of explosion. Wear full protective clothing for prolonged exposure and/or high concentrations. Contaminated rags and cloths must be put in fireproof containers for disposal. Always remove grease with soap and water or skin cleaning agent, never use organic solvents. Do not eat, drink or smoke when using the product. Container must be kept tightly closed.

7.2. Conditions for safe storage, including any incompatibilities

Keep away from heat, sparks and open flame. Keep containers tightly closed. Keep away from food, drink and animal feeding stuffs. Avoid contact with oxidising agents.
Flammable/combustible - Keep away from oxidisers, heat and flames. Ground container and transfer equipment to eliminate static electric sparks. Keep in original container. Store away from: Acids. Suitable containers: mild steel, stainless steel.

Storage Class

Flammable liquid storage.

7.3. Specific end use(s)

8. Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limit values

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics ; CAS No. : (64742-48-9)
Limit value type (country of origin) : TRGS 900 (D)

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Limit value : 600 mg/m3
Version :

Hydrocarbons, C11-C12, isoalkanes, < 2% aromatics ; CAS No. : (64741-65-7)
Limit value type (country of origin) : TRGS 900 (D)
Limit value : 600 mg/m3
Version :

DNEL-/PNEC-values DNEL/DMEL
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics ; CAS No. : (64742-48-9)

Limit value type :	DNEL Consumer (systemic)
Exposure route :	Dermal
Exposure frequency :	Long-term
Limit value :	300 mg/kg/d
Limit value type :	DNEL Consumer (systemic)
Exposure route :	Inhalation
Exposure frequency :	Long-term
Limit value :	900 mg/m3
Limit value type :	DNEL Consumer (systemic)
Exposure route :	Oral
Exposure frequency :	Long-term
Limit value :	300 mg/kg/d
Limit value type :	DNEL worker (systemic)
Exposure route :	Dermal
Exposure frequency :	Long-term
Limit value :	300 mg/kg/d
Limit value type :	DNEL worker (systemic)
Exposure route :	Inhalation
Exposure frequency :	Short-term
Limit value :	1500 mg/m3

8.2. Exposure controls
Protective equipment

Process conditions

Use engineering controls to reduce air contamination to permissible exposure level. Provide eyewash, quick drench.

Engineering measures

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded. Explosion-proof general and local exhaust ventilation.

Respiratory equipment

If ventilation is insufficient, suitable respiratory protection must be provided. At work in confined or poorly ventilated spaces, respiratory protection with air supply must be used. Check that mask fits tight and change filter regularly.

Hand protection

Protective gloves must be used if there is a risk of direct contact or splash. Be aware that the liquid may penetrate the gloves. Frequent change is advisable. Use protective gloves made of: Nitrile. Polyvinyl alcohol (PVA). Viton rubber (fluor rubber).

Eye protection

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Other Protection	Wear splash-proof eye goggles to prevent any possibility of eye contact. If risk of splashing, wear safety goggles or face shield. Use barrier creams to prevent skin contact. Provide eyewash station and safety shower. Wear appropriate clothing to prevent repeated or prolonged skin contact.
Hygiene measures	Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes wet or contaminated. Eating, smoking and water fountains prohibited in immediate work area. DO NOT SMOKE IN WORK AREA!
Environmental Exposure Controls	Avoid release to the environment.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Colourless.
Odour	Petroleum. Solvent.
Initial boiling point and boiling range (°C)	150 - 205
Bulk Density	770 - 800 kg/m3
Vapour pressure	2 hPa 20
Evaporation rate	65 (EtEt=1)
Viscosity	1.25 mm2/s 25
Flash point (°C)	>41
Auto Ignition Temperature (°C)	>230
Flammability Limit - Lower(%)	0.6
Flammability Limit - Upper(%)	6.5
Explosive properties	May form explosive mixtures with air.

9.2. Other information

10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

Hazardous Polymerisation

Will not polymerise.

10.4. Conditions to avoid

Avoid heat, flames and other sources of ignition.

Materials To Avoid

Strong oxidising substances. Strong acids.

10.6. Hazardous decomposition products

None at ambient temperatures. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.
Aldehydes.

11: Toxicological information

Acute toxicity:

Acute Toxicity (Oral LD50)
> 5000 mg/kg Rat

Acute Toxicity (Dermal LD50)

> 5000 mg/kg Rabbit

Acute Toxicity (Inhalation LC50)

> 5000 mg/l (vapours) Rat

Respiratory or skin sensitisation:

There is no evidence that the material can lead to respiratory hypersensitivity.
Not Sensitising.

Germ cell mutagenicity:

Negative.

Carcinogenicity:

No evidence of carcinogenicity

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Reproductive Toxicity:

No teratogenetic, maternal or developmental effects

Specific target organ toxicity - single exposure:
Target Organs

Central nervous system
Vapours may cause drowsiness and dizziness.

Specific target organ toxicity - repeated exposure:
Target Organs

Central nervous system
No known effects based on information supplied.

General information

Prolonged and repeated contact with solvents over a long period may lead to permanent health problems. Contains small amounts of organic solvents. Extensive use of the product in areas with inadequate ventilation may result in hazardous vapour concentrations.

Inhalation

Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia. Contains organic solvents which in case of overexposure may depress the central nervous system causing dizziness and intoxication.

Ingestion

Harmful: may cause lung damage if swallowed. Pneumonia may be the result if vomited material containing solvents reaches the lungs.

Skin contact

Repeated exposure may cause skin dryness or cracking.

Eye contact

Irritation of eyes and mucous membranes.

Health Warnings

Prolonged or repeated contact leads to drying of skin. Prolonged and repeated contact with solvents over a long period may lead to permanent health problems.

Route of entry
Ingestion. Inhalation.
Target Organs

Brain Respiratory system, lungs Mucous membranes

Medical Symptoms

Skin irritation. Irritation of eyes and mucous membranes. High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting.

Medical Considerations

Skin disorders and allergies. Convulsive disorders, CNS problems. Risk of chemical pneumonia after aspiration.

Specific effects

Prolonged or repeated contact with used oil may cause serious skin diseases, such as dermatitis. Prolonged or repeated contact with used oil may cause serious skin diseases, such as dermatitis and skin cancer. Prolonged or frequent inhalation of vapours in high concentrations may cause permanent damage to the nervous system, including the brain.

12. Ecological information

12.1. Toxicity
Acute Toxicity - Fish

LC50 96 hours > 1000 mg/l Onchorhynchus mykiss (Rainbow trout)

Acute Toxicity - Aquatic Invertebrates

EC50 48 hours > 1000 Daphnia magna
IC 50, 72 Hrs, Algae, mg/l >1000

12.2. Persistence and degradability
Degradability

Readily biodegradable.

12.3. Bioaccumulative potential
Bioaccumulative potential

The product has low potential for bioaccumulation.

12.4. Mobility in soil
Mobility:

The product is insoluble in water and will spread on the water surface.

12.5. Results of PBT and vPvB assessment

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Not Classified as PBT/vPvB by current EU criteria.

12.6. Other adverse effects

13. Disposal considerations

General information

Do not puncture or incinerate even when empty. Waste, residue, empty containers, discarded work clothes and used disposable towels must be collected in designated receptacles, labelled with content. Waste is classified as hazardous waste. Disposal to licensed waste disposal site in accordance with the local Waste Disposal Authority.

13.1. Waste treatment methods

Contact specialist disposal companies. Do not allow runoff to sewer, waterway or ground. Confirm disposal procedures with environmental engineer and local regulations.

Waste Class

Hazardous Waste The product contains a substance which is hazardous to aquatic organisms and which may cause long term adverse effects in the aquatic environment. See section 12. EWC NUMBER: Allocation of a waste code number in accordance with the European Waste Catalogue, should be carried out in agreement with an EA authorised waste disposal company.

14. TRANSPORT INFORMATION

14.1. UN number

UN No. (ADR/RID/ADN)	3295
UN No. (IMDG)	3295
UN No. (ICAO)	3295

14.2. UN proper shipping name

Proper Shipping Name	Hydrocarbons, liquid, n.o.s.

14.3. Transport hazard class(es)

ADR/RID/ADN Class	3
ADR Label No.	3
IMDG Class	3
ICAO Class/Division	3

Transport Labels

14.4. Packing group

ADR/RID/ADN Packing group	III
IMDG Packing group	III
ICAO Packing group	III

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant

No.

14.6. Special precautions for user

EMS	F-E, S-D
Emergency Action Code	3Y
Hazard No. (ADR)	30
Tunnel Restriction Code	(D/E)

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

15. Regulatory information

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

Guidance Notes

Workplace Exposure Limits EH40.

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	EU Legislation Regulation (EC) No 1272/2008 CLP. Regulation (EC) No 1907/2006 REACH.
15.2. Chemical Safety Assessment	A chemical safety assessment has been carried out.

16. Other information

General information	Only trained personnel should use this material.
Information Sources	Manufacturer's Material Safety Data Sheet
Revision Comments	Additional substance information.
Issued By	Compliance Department
Revision Date	19/06/2012
Revision	2
Supersedes date	04/02/2011
SDS No.	0040
Safety Data Sheet Status	Approved.
Date	26-Jun-22
Risk Phrases In Full	
R10	Flammable.
R65	Harmful: may cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.
R67	Vapours may cause drowsiness and dizziness.
Hazard Statements In Full	
EUH066	Repeated exposure may cause skin dryness or cracking.
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H336	May cause drowsiness or dizziness.

The data are based on the current state of our knowledge, and are intended to describe the product with regard to the requirements of safety. The data should not be taken to imply any guarantee of a particular or general specification. It is the responsibility of the user of the product to ensure to his satisfaction that the product is suitable for the intended purpose and method of use. We do not accept responsibility for any harm caused by the use of this information. In all cases, our general conditions of sale apply.

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