



HEALTH AND SAFETY DATA SHEET

RAPIDSEAL N40-2 LMN SILICONE SEALANT

1. IDENTIFICATION OF THE SUBSTANCE/ MIXTURE & OF THE COMPANY/ UNDERTAKING:

Trade name: N40-2 LMN
Article number: Oxime Sealants
Application of the substance / the preparation Sealant
Manufacturer/Supplier:

IFI
Rutland Business Park
Newark Road
Peterborough
PE1 5WA

Telephone: 01733 847520
Fax: 01733 343465

2. HAZARDS IDENTIFICATION:

Hazard description: Not applicable
Information concerning particular hazards for human and environment:
The product does not have to be labelled due to the calculation procedure of the "General Classification Guideline for preparations of the EU" in the latest valid version
Classification system:
The classification is according to the latest editions of the EU-lists, and extended by company and literature data

3. COMPOSITION/ INFORMATION ON INGREDIENTS:

Chemical characterization
Description: Mixture of substances listed below with non-hazardous additions
Dangerous components:

| | | | |
|-----------------------------------|------------------|-----------------------|-------|
| CAS: 96-29-7 EINECS: 202-496-6 | 2-butanone oxime | Xn, Xi; R 21-40-41-43 | ≤1.0% |
|-----------------------------------|------------------|-----------------------|-------|

Additional information: For the wording of the listed risk phrases refer to section 16.

4. FIRST AID MEASURES:

General information: No special measures required
After inhalation: Supply fresh air; consult doctor in case of complaints
After skin contact: If skin irritation continues, consult a doctor
After eye contact: Rinse opened eye for several minutes under running water
After swallowing: If symptoms persist consult doctor
Additional information: See Section 8 for information on personal protection equipment.

5. FIREFIGHTING MEASURES:

Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions
Protective equipment: Mouth respiratory protective device

6. ACCIDENTAL RELEASE MEASURES:

Person-related safety precautions:

Ensure adequate ventilation

Wear protective clothing

Measures for environmental protection: Do not allow to enter sewers/ surface or ground water

Measures for cleaning/collecting: Pick up mechanically

7. HANDLING AND STORAGE:

Handling:

- Information for safe handling: Use only in well ventilated areas
- Information about fire - and explosion protection: No special measures required

Storage:

- Requirements to be met by storerooms and receptacles: No special requirements
- Information about storage in one common storage facility: Not required
- Further information about storage conditions: None

8. EXPOSURE CONTROLS / PERSONAL PROTECTION:

Additional information about design of technical facilities: No further data; see item 7

Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace

Additional information: The lists valid during the making were used as basis

Personal protective equipment:

General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Respiratory protection: Not required.

Protection of hands:

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection:
Goggles recommended during refilling

9. PHYSICAL AND CHEMICAL PROPERTIES:

General Information

Form: Pasty

Colour: Various colours

Odour: Characteristic

Change in condition

Melting point/Melting range: Undetermined.

Boiling point/Boiling range: > 300 °C

Flash point: > 100 °C

Ignition temperature: 200 °C

Self-igniting: Product is not self-igniting.

Danger of explosion: Product does not present an explosion hazard.

Explosion limits:

Lower: Undetermined.

Upper: Undetermined

Vapour pressure: Undetermined.

Density at 20 °C: 1.02 g/cm³

Solubility in / Miscibility with water: Not miscible or difficult to mix.

pH-value: Undetermined.

Solvent content:

VOC (EC) 0.00 %

VOC (EC) g/l

10. STABILITY AND REACTIVITY:

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

Dangerous reactions No dangerous reactions known

Dangerous decomposition products: 2-butanonoxim

11. TOXICOLOGICAL INFORMATION:

Acute toxicity:

LD/LC50 values relevant for classification:

96-29-7 2-butanone oxime

| | | |
|------------|----------|----------------------|
| Oral | LD50 | 3700 mg/kg (rat) |
| Dermal | LD50 | 200-2000 mg/kg (rat) |
| Inhalative | LC50/4 h | 20 mg/l (rat) |

Primary irritant effect: On the skin: Irritant to skin and mucous membranes.

On the eye: Irritating effect.

Sensitization: Sensitization possible through skin contact.

Additional toxicological information:

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

12. ECOLOGICAL INFORMATION:

General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13. DISPOSAL CONSIDERATIONS:

Product:

Recommendation Disposal must be made according to official regulations.

European waste catalogue

08 04 09 waste adhesives and sealants containing organic solvents or other dangerous substances

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

14. TRANSPORT INFORMATION:

- | | |
|---|-----------------|
| • Land transport ADR/RID (cross -border): | ADR/RID class |
| • Maritime transport IMDG: | IMDG Class |
| • Air transport ICAO -TI and IATA-DGR: | ICAO/IATA Class |

15. REGULATORY INFORMATION:

Labelling according to EU guidelines:

Observe the general safety regulations when handling chemicals.

The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).

Special labelling of certain preparations:

Contains 2-butanone oxime. May produce an allergic reaction.

16. OTHER INFORMATION:

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant R-phrases: 21 Harmful in contact with skin
40 Limited evidence of a carcinogenic effect
41 Risk of serious damage to eyes
43 May cause sensitisation by skin contact

The information provided in this Health and Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification.
The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the content of the Health and Safety Data Sheet.



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