



# Nurofast 52 Paste

## SECTION 1. IDENTIFICATION

<b>Product Identifier</b>	Nurofast 52 Paste
<b>Product Family</b>	Hydroxyl terminated polyol
<b>Recommended Use</b>	Mixed with another component to form a corrosion-resistant membrane.
<b>Restrictions on Use</b>	None known.
<b>Manufacturer/Supplier Identifier</b>	The Stebbins Engineering and Manufacturing Company, 363 Eastern Boulevard, Watertown, NY, 13601, (315) 782-3000, www.stebbinseng.com
<b>Supplier Identifier</b>	Stebbins Australia, 38 Coulson Way, Canning Vale, WA, 6155, +61 8 9456 2511
<b>Supplier</b>	Canadian Stebbins, 2373 Stevenage Dr, Ottawa, ON, K1G 3W1, +1 613-737-2800
<b>Emergency Phone No.</b>	Chemtrec - Within North America, 1-800-424-9300, 24 hours Stebbins 24 Hour Contact-, 1-315-788-6624
<b>SDS No.</b>	007

## SECTION 2. HAZARD IDENTIFICATION

### Classification

Skin irritation - Category 2; Eye irritation - Category 2B

### Label Elements



Signal Word:  
Warning

### Hazard Statement(s):

- H315 Causes skin irritation.
- H320 Causes eye irritation.

### Precautionary Statement(s):

- P264 Wash hands and skin thoroughly after handling.
- P280 Wear protective gloves.
- P302 + P352 IF ON SKIN: Wash with plenty of water.
- P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P332 + P313 If skin irritation occurs: Get medical advice/attention.
- P337 + P313 If eye irritation persists: Get medical advice/attention.
- P362 + P364 Take off contaminated clothing and wash it before reuse.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%	Other Identifiers	Other Names
Silica, quartz	14808-60-7	> 50		
Polyol		< 50		

## SECTION 4. FIRST-AID MEASURES

### First-aid Measures

#### Inhalation

Move to fresh air. If breathing is difficult, trained personnel should administer emergency oxygen if advised to do so by Poison Centre or doctor. Get medical advice or attention if you feel unwell or are concerned.

#### Skin Contact

Clean clothing, shoes and leather goods. Wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 5 minutes.

#### Eye Contact

Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. If eye irritation persists, get medical advice or attention.

#### Ingestion

Rinse mouth with water. Get medical advice or attention if you feel unwell or are concerned.

### Most Important Symptoms and Effects, Acute and Delayed

If on skin: causes mild irritation. If in eyes: may cause moderate to severe irritation.

### Immediate Medical Attention and Special Treatment

#### Target Organs

Skin, eyes.

## SECTION 5. FIRE-FIGHTING MEASURES

### Extinguishing Media

#### Suitable Extinguishing Media

Carbon dioxide, dry chemical powder, appropriate foam, water spray or fog.

### Specific Hazards Arising from the Product

Can ignite if strongly heated.

### Special Protective Equipment and Precautions for Fire-fighters

No special precautions are necessary.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment, and Emergency Procedures

Do not touch damaged containers or spilled product unless wearing appropriate protective equipment. Use the personal protective equipment recommended in Section 8 of this safety data sheet.

### Environmental Precautions

It is good practice to prevent releases into the environment.

### Methods and Materials for Containment and Cleaning Up

Collect using shovel/scoop or approved HEPA vacuum and place in a suitable container for disposal.

## SECTION 7. HANDLING AND STORAGE

### Precautions for Safe Handling

Prevent skin contact. Do not get in eyes. Avoid generating dusts.

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## Conditions for Safe Storage

Store in an area that is: cool, dry, well-ventilated.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

No PEL or TLV has been established.

The limit for Silica is as follows, but as this product is a paste, and the silica is thus not expected to be respirable in normal use of the product. If the cured product is cut, ground, sanded, or otherwise worked in a fashion that generates dust, appropriate PPE should be worn and this limit should be observed.

The OSHA TLV for respirable silica is 0.1 mg/m<sup>3</sup>

### Appropriate Engineering Controls

General ventilation is usually adequate.

### Individual Protection Measures

#### Eye/Face Protection

Not required but it is good practice to wear safety glasses or chemical safety goggles.

#### Skin Protection

No PPE is required for handling this product, however, the hardener associated with this product does require PPE. Please consult the SDS for Nurofast 52 Hardener before use.

#### Respiratory Protection

No PPE is required for handling this product. However, the hardener associated with the product does require PPE. Please consult the SDS for Nurofast 52 Hardener before use.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

<b>Appearance</b>	Grey paste.
<b>pH</b>	Not available
<b>Melting Point/Freezing Point</b>	Not available (melting); Not available (freezing)
<b>Boiling Range</b>	525 °F (274 °C)
<b>Flash Point</b>	400 °F (204 °C) (open cup) (Polyol)
<b>Evaporation Rate</b>	Not applicable
<b>Flammability (solid, gas)</b>	Not applicable
<b>Upper/Lower Flammability or Explosive Limit</b>	Not available (upper); Not available (lower)
<b>Vapour Pressure</b>	Not applicable
<b>Vapour Density (air = 1)</b>	Not applicable
<b>Relative Density (water = 1)</b>	1.426
<b>Solubility</b>	Practically insoluble in water; Not available (in other liquids)
<b>Partition Coefficient, n-Octanol/Water (Log Kow)</b>	Not available
<b>Auto-ignition Temperature</b>	Not available
<b>Decomposition Temperature</b>	Not available
<b>Viscosity</b>	Not available (kinematic); Not available (dynamic)
<b>Other Information</b>	
<b>Physical State</b>	Solid
<b>Bulk Density</b>	89 lb/ft <sup>3</sup> (1426 kg/m <sup>3</sup> )

## SECTION 10. STABILITY AND REACTIVITY

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**Reactivity**

Not reactive.

**Chemical Stability**

Normally stable.

**Possibility of Hazardous Reactions**

None expected under normal conditions of storage and use.

**Conditions to Avoid**

Open flames, sparks, static discharge, heat and other ignition sources. Freezing.

**Hazardous Decomposition Products**

Flammable chemicals; very toxic carbon monoxide, carbon dioxide.

## SECTION 11. TOXICOLOGICAL INFORMATION

**Likely Routes of Exposure**

Skin contact; eye contact.

**Skin Corrosion/Irritation**

May cause mild irritation based on information for closely related chemicals.

**Serious Eye Damage/Irritation**

May cause mild irritation based on information for closely related chemicals.

**STOT (Specific Target Organ Toxicity) - Single Exposure****Inhalation**

This product is not an inhalation hazard.

**Skin Absorption**

Not harmful based on information for closely related materials.

**Ingestion**

This product is not an ingestion hazard.

**Aspiration Hazard**

Not known to be an aspiration hazard.

**STOT (Specific Target Organ Toxicity) - Repeated Exposure**

Not harmful based on information for closely related chemicals.

**Respiratory and/or Skin Sensitization**

Not known to be a respiratory sensitizer. Not known to be a skin sensitizer.

**Carcinogenicity**

Not a carcinogen.

This product contains silica, which is a known carcinogen when inhaled. However, the silica in this product is not in respirable size, and thus is not expected to present any inhalation hazards.

**Reproductive Toxicity****Development of Offspring**

Not known to harm the unborn child.

**Sexual Function and Fertility**

Not known to cause effects on sexual function or fertility.

**Effects on or via Lactation**

Not known to cause effects on or via lactation.

**Germ Cell Mutagenicity**

Not known to be a mutagen.

## SECTION 12. ECOLOGICAL INFORMATION

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## Ecotoxicity

Studies were not located.

## Persistence and Degradability

No information was located.

## Bioaccumulative Potential

This product and its degradation products are not known to bioaccumulate.

## Mobility in Soil

No information was located.

## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal Methods

Bury in a licensed landfill or burn in an approved incinerator according to federal, provincial/state, and local regulations. Contact local environmental authorities for approved disposal or recycling methods in your jurisdiction.

## SECTION 14. TRANSPORT INFORMATION

Not regulated under Canadian TDG regulations. Not regulated under US DOT Regulations. Not regulated under IATA Regulations.

Regulation	UN No.	Proper Shipping Name	Transport Hazard Class(es)	Packing Group
US DOT		Non-Regulated		
IATA (Air)		Non-Regulated		
IATA (Air)		Non-Regulated		
Canadian TDG		Non-Regulated		

**Environmental Hazards** Not applicable

**Special Precautions** Not applicable

### Transport in Bulk according to International Maritime Organization Instruments

Not applicable

## SECTION 15. REGULATORY INFORMATION

### Safety, Health and Environmental Regulations

#### Canada

#### Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)

All ingredients are listed on the DSL/NDSL.

#### CEPA - National Pollutant Release Inventory (NPRI)

Not specifically listed.

#### USA

#### Toxic Substances Control Act (TSCA) Section 8(b)

All ingredients are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.

## SECTION 16. OTHER INFORMATION

**NFPA Rating** Health - 1 Flammability - 1 Instability - 0

**SDS Prepared By** B.E.R.

**Phone No.** (315) 782-3000

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<b>Date of Last Revision</b>	April 30, 2020
<b>Revision Indicators</b>	Revision 6 The following SDS content was changed on April 30, 2020: reviewed and approved
<b>Key to Abbreviations</b>	ACGIH® = American Conference of Governmental Industrial Hygienists HSDB® = Hazardous Substances Data Bank IARC = International Agency for Research on Cancer NFPA = National Fire Protection Association NIOSH = National Institute for Occupational Safety and Health NTP = National Toxicology Program OSHA = US Occupational Safety and Health Administration RTECS® = Registry of Toxic Effects of Chemical Substances
<b>References</b>	CHEMINFO database. Canadian Centre for Occupational Health and Safety (CCOHS). HSDB® database. US National Library of Medicine. Available from Canadian Centre for Occupational Health and Safety (CCOHS). NIOSH Pocket Guide database. National Institute for Occupational Safety and Health. Available from Canadian Centre for Occupational Health and Safety (CCOHS). Registry of Toxic Effects of Chemical Substances (RTECS®) database. Dassault Systèmes/BIOVIA ("BIOVIA"). Available from Canadian Centre for Occupational Health and Safety (CCOHS).
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