

## SAFETY DATA SHEET — 16 Sections

### SECTION 1

### CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product Identifier:** Nische Solutions Welding Pad  
**[WHMIS Classification]:** N/A  
**Product Use:** The products are widely used for insulation and protection from heat, welding sparks, and molten metal.

**Manufacturer's Name:** Nische Solutions.Inc  
**Street Address:** 397 Front St. West  
**City:** Toronto  
**Province:** Ontario  
**Postal Code:** ON M5S 3S1  
**Emergency Telephone:** +1 888-245-1778

**Supplier's Name:** Nische Solutions.Inc  
**Street Address:** 397 Front St. West  
**City:** Toronto  
**Province:** Ontario  
**Postal Code:** ON M5S 3S1  
**Emergency Telephone:** +1 888-245-1778

**Date MSDS Prepared:** January 1, 2018  
**MSDS Prepared By:** Nische Solutions.Inc  
**Phone Number:** +1 888-245-1778

### SECTION 2

### COMPOSITION/INFORMATION ON INGREDIENTS

| Hazardous Ingredients (specific)      | %       | CAS Number | LD 50 of Ingredient<br>(specify species and route) | LD 50 of Ingredient<br>(specify species) |
|---------------------------------------|---------|------------|--|--|
| Fibrous Glass                         | 65%-75% | 65997-17-3 | N/A  | N/A                                      |
| Silicone Rubber<br>128g/m2 BioSoluble | 25%-35% | 63394-02-5 | N/A  | N/A                                      |

### SECTION 3

### HAZARDS IDENTIFICATION

**Route of Entry**     Skin Contact     Skin Absorption     Eye Contact     Inhalation     Ingestion

**Emergency Overview**    None requires special first aid measures  
**WHMIS Symbols**    N/A  
**Potential Health Effects**    It may cause skin irritant if products is severely damaged

### SECTION 4

### FIRST AID MEASURES

**Skin Contact:** Wash with soap and running water as a precaution  
**Eye Contact:** None required under normal use  
**Inhalation:** None required under normal use  
**Ingestion:** None required under normal use

## SECTION 5

## FIRE FIGHTING MEASURES

**Flammable**

Yes  No

**If yes, under which conditions?**

N/A

**Means of Extinction:**

Standard firefighting media

**Flashpoint (° C) and Method:**

**Upper Flammable Limit (% by volume)**

**Lower Flammable Limit (% by volume)**

N/A

N/A

**Auto Ignition Temperature (°C):**

**Explosion Data — Sensitivity to Impact**

**Explosion Data — Sensitivity to Static Discharge**

N/A

N/A

**Hazardous Combustion Products:**

Carbon monoxide, carbon dioxide and unburned hydrocarbons

**[NFPA]:**

N/A

## SECTION 6

## ACCIDENTAL RELEASE MEASURES

**Leak and Spill Procedures**

None would be caused by the products

## SECTION 7

## HANDLING AND STORAGE

No special handling measures required

**Storage Requirements**

Avoid dust formation and proper ventilation against dust. No other special condition required

## SECTION 8

## EXPOSURE CONTROL / PERSONAL PROTECTION

**Exposure Limits**

ACGIH TLV

OSHA PEL

Other (specify)

**Specific Engineering Controls (such as ventilation, enclosed process)**

**Personal Protective Equipment**

Gloves

Respirator

Eye

Footwear

Clothing

Other

**If checked, please specify type:**

Protective gloves are recommended for prolong or repeated contact.

Industrial regulations require eye protection at all times.

## SECTION 9

## COMPOSITION/INFORMATION ON INGREDIENTS

**Physical State**

Solid

**Specific Gravity**

N/A

**Evaporation Rate**

N/A

**Ph**

N/A

**Odour and Appearance**

None

**Vapour Density (air = 1)**

N/A

**Boiling Point (° C)**

N/A

**Coefficient of Water/Oil Distribution**

N/A

**Odour Threshold (ppm)**

N/A

**Vapour Pressure (mmHg)**

N/A

**Freezing Point (° C)**

N/A

**[Solubility in Water]**

N/A

**SECTION 10**

**STABILITY AND REACTIVITY**

**Chemical Stability**

Yes  No

**If yes, under which conditions?**

N/A

**Incompatibility with Other Substances**

Yes  No

**If yes, which ones?**

N/A

**Reactivity, and under what conditions?** N/A

**SECTION 11**

**TOXICOLOGICAL INFORMATION**

**Effects of Acute Exposure**

None

Wash with soap and running water as a precaution

None required under normal use

None required under normal use

**Effects of chronic exposure**

None

None required under normal use

**Irritancy of Product**

N/A

**Skin sensitization**

It may cause skin irritant if products is severely damaged

**Respiratory sensitization**

None

**Carcinogenicity-IARC**

None

**Carcinogenicity - ACGIH**

None

**Reproductive toxicity**

None

**Teratogenicity**

None

**Embryo toxicity**

None

**Mutagenicity**

None

**Name of synergistic products/effects**

None

**SECTION 12**

**ECOLOGICAL INFORMATION**

**[Aquatic Toxicity]**

None

**SECTION 13**

**DISPOSAL CONSIDERATIONS**

Waste Disposal

|                   |                              |
|-------------------|------------------------------|
| <b>SECTION 14</b> | <b>TRANSPORT INFORMATION</b> |
|-------------------|------------------------------|

Waste and residues should be taken to an approved disposal site for disposal  
 Empty packages should be taken to an approved waste process site for recycle or disposal

|                                     |      |      |     |
|-------------------------------------|------|------|-----|
| <b>Special Shipping Information</b> | None | PIN  | N/A |
| <br>                                |      |      |     |
| TDG                                 | N/A  | DOT  | N/A |
| <br>                                |      |      |     |
| IMQ                                 | N/A  | ICAO | N/A |

|                   |                               |
|-------------------|-------------------------------|
| <b>SECTION 15</b> | <b>REGULATORY INFORMATION</b> |
|-------------------|-------------------------------|

|                        |     |        |     |
|------------------------|-----|--------|-----|
| [WHMIS Classification] | N/A | [OSHA] | N/A |
| <br>                   |     |        |     |
| [SERA]                 | N/A | [TSCA] | N/A |

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by CPR.

|                   |                          |
|-------------------|--------------------------|
| <b>SECTION 16</b> | <b>OTHER INFORMATION</b> |
|-------------------|--------------------------|

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given here is designed only as a guidance for safe handling, use, processing, storage and disposal. No warranty or quality specification, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. Each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.