SAFETY DATA SHEET — 16 Sections

SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: Nische Solutions Beta, BW151, BW451.5
[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 2020
Street Address: 10060 Jasper Ave
City: Edmonton
Province: AB
Postal Code: T5J1V9
Emergency Telephone: +1 888-245-1778

Supplier's Name: Nische Solutions.Inc 2020
Street Address: 10060 Jasper Ave
City: Edmonton
Province: AB
Postal Code: T5J1V9
Emergency Telephone: +1 888-245-1778

Date MSDS Prepared: January 1, 2026
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 (specify species and route)	LD 50 of Ingredient (specify species)
Fibrous Glass	65%-75%	65997-17-3	N/A	N/A
Silicone Rubber	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)
N/A

Lower Flammable Limit (% by volume)
N/A

Auto Ignition Temperature (°C):

Explosion Data — Sensitivity to Impact
N/A

Explosion Data — Sensitivity to Static Discharge
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

Odour and Appearance
None

Odour Threshold (ppm)
N/A

Specific Gravity
N/A

Vapour Density (air = 1)
N/A

Vapour Pressure (mmHg)
N/A

Evaporation Rate
N/A

Boiling Point (° C)
N/A

Freezing Point (° C)
N/A

Ph
N/A

Coefficient of Water/Oil Distribution
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

SECTION 14 TRANSPORT INFORMATION

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

Special Shipping Information None PIN N/A

TDG N/A DOT N/A

IMQ N/A ICAO N/A

SECTION 15 REGULATORY INFORMATION

[WHMIS Classification] N/A [OSHA] N/A

[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.

SECTION 16 OTHER INFORMATION

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.