SECTION 1: Identification of the substance/mixture and of the supplier

Product name: **NIVO Temp-Max**

Manufacturer/Supplier Trade name: NIVO Temp-Max A1, A2, A3, A3.5, B1, BLEACH

Manufacturer/Supplier Article number: **NTMA1, NTMA2, NTMA3, NTMA3.5, NTMB1, NTMBL**

Recommended uses of the product and restrictions on use: Dental composite resin.

Manufacturer Details:

NIVO Industries Inc.
3110 Main Street Bldg C
Santa Monica CA 90405
Tel: 424-214-0792 **Email:** info@nivodental.com

Supplier Details:

NIVO Industries Inc.
3110 Main Street Bldg C
Santa Monica CA 90405
Tel: 424-214-0792 **Email:** info@nivodental.com

Emergency telephone number:

CHEMTREC: 1-800-424-9300, 703-527-3887

SECTION 2: Hazards identification

Classification of the substance or mixture:

Irritant
Skin irritation, category 2
Eye irritation, category 2A

Serious Eye Damage/Eye Irritation - Category 2A
Skin irritation - Category 2

Signal word: Warning.

Hazard statements:

Causes skin irritation.
Causes serious eye irritation.

Precautionary statements:

If medical advice is needed, have product container or label at hand.
Keep out of reach of children.
Read label before use.
Wash skin thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection.
IF ON SKIN: Wash with soap and water.
Specific treatment (see supplemental first aid instructions on this label).
If skin irritation occurs: Get medical advice/attention.
Take off contaminated clothing and wash before reuse.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do.
Continue rinsing.
If eye irritation persists get medical advice/attention.

Hazards not otherwise classified (HNOC): No additional information.

Other Non-GHS Classification:

WHMIS

D2B

NFPA/HMIS

Health	2
Flammability	0
Physical Hazard	0
Personal Protection	X

NFPA SCALE (0-4) HMIS RATINGS (0-4)

0=Minimal Hazard; 1=Slight Hazard; 2=Moderate Hazard; 3=Serious Hazard; 4=Severe Hazard.

SECTION 3: Composition/information on ingredients

Ingredients:

CAS#	Description	Wt. %
CAS N/A	Multifunctional Methacrylates	40-50 %
CAS N/A	Malonylurea Derivative	<1 %
CAS N/A	Glass/Silica Filler	40-45 %
CAS N/A	Polyvinyl esters	5-10 %

Percentages are by weight

SECTION 4: First aid measures

Description of first aid measures

After inhalation: Move exposed to fresh air. Give artificial respiration if necessary. If breathing is difficult give oxygen. Loosen clothing and place exposed in a comfortable position. Seek medical assistance if cough or other symptoms appear.

After skin contact: Rinse/flush exposed skin gently using soap and water for 15-20 minutes. Seek medical advice if discomfort or irritation persists.

After eye contact: Protect unexposed eye. Rinse/flush exposed eye(s) gently using water for 15-20 minutes. Remove contact lens(es) if able to do so during rinsing. Seek medical attention if irritation persists or if concerned.

After swallowing: Rinse mouth thoroughly. Do not induce vomiting. Seek medical attention if irritation, discomfort, or vomiting persists. Never give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed:

Irritation. Headache. Nausea. Shortness of breath.

Indication of any immediate medical attention and special treatment needed:

If seeking medical attention provide SDS document to physician. Physician should treat symptomatically.

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing agents:

Use water, dry chemical, chemical foam, carbon dioxide, or alcohol-resistant foam.

For safety reasons unsuitable extinguishing agents: None identified.

Special hazards arising from the substance or mixture:

Oxides of carbon. Thermal decomposition can lead to release of irritating gases and vapors. Polymerizes upon heating.

Advice for firefighters:

Protective equipment:
Wear protective eyewear, gloves, and clothing. Refer to Section 8.Use NIOSH- approved respiratory protection/breathing apparatus.

Additional information (precautions):
Avoid inhaling gases, fumes, dust, mist, vapor, and aerosols. Avoid contact with skin, eyes, and clothing.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures:
Ensure adequate ventilation. Ensure that air-handling systems are operational.

Environmental precautions:
Should not be released into environment. Prevent from reaching drains, sewer, or waterway.

Methods and material for containment and cleaning up:
Wear protective eyewear, gloves, and clothing. Refer to Section 8.Always obey local regulations. Containerize for disposal. Refer to Section 13.If necessary use trained response staff or contractor. Evacuate personnel to safe areas. Keep in suitable closed containers for disposal.

Reference to other sections: No additional information.

SECTION 7: Handling and storage

Precautions for safe handling:
Avoid contact with skin, eyes, and clothing. Follow good hygiene procedures when handling chemical materials. Refer to Section 8.Follow proper disposal methods. Refer to Section 13.Do not eat, drink, smoke, or use personal products when handling chemical substances.

Conditions for safe storage, including any incompatibilities:
Store in a cool location. Keep away from food and beverages. Protect from freezing and physical damage. Provide ventilation for containers. Keep container tightly sealed. Store away from incompatible materials..

SECTION 8: Exposure controls/personal protection

Control Parameters:	112926-00-8, Silica Amorphous, OSHA PEL 20 mppcf TWA; (80)/(% SiO2) mg/m3 TWA
Appropriate Engineering controls:	Emergency eye wash fountains and safety showers should be available in the immediate vicinity of use or handling. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapor and mists below the applicable workplace exposure limits (Occupational Exposure Limits-OELs) indicated above.
Respiratory protection:	Not required under normal conditions of use. Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. When necessary use NIOSH approved breathing equipment.
Protection of skin:	Select glove material impermeable and resistant to the substance. Select glove material based on rates of diffusion and degradation. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Use proper glove removal technique without touching outer surface. Avoid skin contact with used gloves. Wear protective clothing.

Eye protection: Wear equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).Safety glasses or goggles are appropriate eye protection.

General hygienic measures: Perform routine housekeeping. Wash hands before breaks and at the end of work. Avoid contact with skin, eyes, and clothing. Before wearing wash contaminated clothing.

SECTION 9: Physical and chemical properties

Appearance (physical state, color):	Tooth colored paste	**Explosion limit lower:** **Explosion limit upper:**	Not Determined Not Determined
Odor:	Slight odor	**Vapor pressure:**	Negligible
Odor threshold:	Not Determined	**Vapor density:**	>1
pH-value:	Not Determined	**Relative density:**	Not Determined
Melting/Freezing point:	Not Determined	**Solubilities:**	Slightly soluble in water.
Boiling point/Boiling range:	Not Determined	**Partition coefficient (n-octanol/water):**	Not Determined
Flash point (closed cup):	>100° C	**Auto/Self-ignition temperature:**	Not Determined
Evaporation rate:	Not Determined	**Decomposition temperature:**	Not Determined
Flammability (solid, gaseous):	Not Determined	**Viscosity:**	a. Kinematic: Not Determined b. Dynamic: Not Determined
Density: >1 **Percent volatile (by volume):**85-90%			

SECTION 10: Stability and reactivity

Reactivity: Nonreactive under normal conditions.

Chemical stability: Stable under normal conditions.

Possible hazardous reactions: Mixing with developer will cause ammonia gas. This will dissipate quickly as pH is neutralized.

Conditions to avoid: Incompatible materials. Heat in excess of 25°C, direct sunlight or intense light.

Incompatible materials: Free radical initiators, oxidizing agents.

Hazardous decomposition products: Acrylic smoke.

SECTION 11: Toxicological information

Acute Toxicity: No additional information.	
Chronic Toxicity: No additional information.	
Corrosion irritation: No additional information.	
Sensitization:	May cause skin sensitivity in select individuals.
Single target organ (STOT):	No additional information.
Numerical measures:	No additional information.
Carcinogenicity:	No additional information.
Mutagenicity:	No additional information.
Reproductive toxicity:	No additional information.

SECTION 12: Ecological information

Ecotoxicity: Not determined.
Persistence and degradability: Not determined.
Bioaccumulative potential: Not determined.
Mobility in soil: Not determined.
Other adverse effects: None identified.

SECTION 13: Disposal considerations

Waste disposal recommendations:

Contact a licensed professional waste disposal service to dispose of this material. Dispose of empty containers as unused product. Product or containers must not be disposed together with household garbage. It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities (US 40CFR262.11). Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations. Ensure complete and accurate classification.

SECTION 14: Transport information

UN-Number:	Not Regulated.
UN proper shipping name:	Not Regulated.
Transport hazard class(es):	Not applicable.
Packing group:	Not applicable.
Environmental hazard:	Not applicable.
Transport in bulk:	Not applicable.
Special precautions for user:	Not applicable.

SECTION 15: Regulatory information

United States (USA)

SARA Section 311/312 (Specific toxic chemical listings): Acute.
SARA Section 313 (Specific toxic chemical listings): None of the ingredients are listed.
RCRA (hazardous waste code): None of the ingredients are listed.
TSCA (Toxic Substances Control Act): All ingredient are listed.
CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act): None of the ingredients are listed.

Proposition 65 (California):

Chemicals known to cause cancer: None of the ingredients are listed.
Chemicals known to cause reproductive toxicity for females: None of the ingredients are listed.
Chemicals known to cause reproductive toxicity for males: None of the ingredients are listed.
Chemicals known to cause developmental toxicity: None of the ingredients are listed.

Canada

Canadian Domestic Substances List (DSL): All ingredients are listed.
Canadian NPRI Ingredient Disclosure list (limit 0.1%): None of the ingredients are listed.
Canadian NPRI Ingredient Disclosure list (limit 1%): None of the ingredients are listed.

SECTION 16: Other information

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

Note: The responsibility to provide a safe workplace remains with the user. The user should consider the health hazards and safety information contained herein as a guide and should take those precautions required in an individual operation to instruct employees and develop work practice procedures for a safe work environment. The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of

handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by the use of this material. It is the responsibility of the user to comply with all applicable laws and regulations applicable to this material.

Abbreviations and acronyms:

IMDG: International Maritime Code for Dangerous Goods.
PNEC: Predicted No-Effect Concentration (REACH).
CFR: Code of Federal Regulations (USA).
SARA: Superfund Amendments and Reauthorization Act (USA).
RCRA: Resource Conservation and Recovery Act (USA).
TSCA: Toxic Substances Control Act (USA).
NPRI: National Pollutant Release Inventory (Canada).
DOT: US Department of Transportation.
IATA: International Air Transport Association.
GHS: Globally Harmonized System of Classification and Labelling of Chemicals.
ACGIH: American Conference of Governmental Industrial Hygienists.
CAS: Chemical Abstracts Service (division of the American Chemical Society).
NFPA: National Fire Protection Association (USA).
HMIS: Hazardous Materials Identification System (USA).
WHMIS: Workplace Hazardous Materials Information System (Canada).
DNEL: Derived No-Effect Level (REACH).