SECTION 1: PRODUCT & COMPANY IDENTIFICATION

1.1 Product Identifiers

Product Name: NANOMYTE® SR-Primer

CAS Number: A CAS number has not been assigned to this material

1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Identified Uses: Coating / surface pretreatment for plastic surfaces

1.3 Details of the Supplier of the Safety Data Sheet

Company: NEI Corporation

Address: 400 Apgar Drive, Unit E | Somerset, NJ 08873 – USA

Phone: +1 (732) 868-3141

Fax: +1 (732) 868-3143

Email: productinfo@neicorporation.com

1.4 Emergency Telephone Numbers

Manufacturer: +1 (732) 868-3142 (9am to 6pm EST / UTC -0500)

U.S. Poison Control Center: +1 (800) 222-1222

ChemTel (North America): +1 (800) 255-3924 (during transportation only)

ChemTel (International): +1 (813) 248-0585 (during transportation only – collect calls accepted)

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the Substance or Mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Flammable liquids (Category 3), H226
Skin irritation (Category 2), H315
Skin sensitization (Category 1), H317
Serious eye damage (Category 1), H318
Specific target organ toxicity - single exposure (Category 3); Central nervous system, H336
Reproductive toxicity (Category 1B), H360

2.2 Label Elements

GHS Label Elements, including precautionary statements

Pictogram(s):

Signal Word: Danger

Hazard Statement(s):

H226 Flammable liquid and vapor
H315 Causes skin irritation
H317 May cause an allergic skin reaction
H318 Causes serious eye damage
H336 May cause drowsiness or dizziness
H360 May damage fertility or the unborn child

Precautionary Statement(s):

P201 Obtain special instructions before use
P202 Do not handle until all safety precautions have been read and understood
P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P233 Keep container tightly closed

P240	Ground/bond container and receiving equipment
P241	Use explosion-proof electrical/ ventilating/ lighting/ equipment
P242	Use only non-sparking tools
P243	Take precautionary measures against static discharge
P261	Avoid breathing dust/fume/gas/mist/vapors/spray
P264	Wash skin thoroughly after handling
P271	Use only outdoors or in a well-ventilated area
P272	Contaminated work clothing should not be allowed out of the workplace
P280	Wear protective gloves/protective clothing/eye protection/face protection
P303 + P361 + P353	IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with soap and water/ shower.
P304 + P340	IF INHALED: Remove victim to fresh air and Keep at rest in a position comfortable for breathing.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308 + P313	IF exposed or concerned: Get medical advice/attention.
P310	Immediately call a POISON CENTER or doctor/ physician.
P321	Specific treatment (see supplemental first aid instructions on this label).
P370 + P378	In case of fire; Use water spray, carbon dioxide, dry chemical or alcohol foam for extinction.
P403 + P235	Store in a well-ventilated place. Keep container tightly closed. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS

May form explosive peroxides (isopropyl alcohol)

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances

Component Name	Formula	CAS #	Concentration
1-methoxy-2-propanol	$C_4H_{10}O_2$	107-98-2	60 – 65%
Isopropyl alcohol	C_3H_8O	67-63-0	30 – 35%
Proprietary Resin	n/a	n/a	< 3%

SECTION 4: FIRST AID MEASURES

4.1 Description of First Aid Measures

General Advice:

Move out of dangerous area. Consult a physician. Show this safety data sheet to the doctor in attendance.

After Inhalation:

Remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.

After Skin Contact:

Wash with soap and copious amounts of water. Consult a physician.

After Eye Contact:

Immediately flush eyes copiously with water for at least 15 minutes. Seek medical attention.

After Swallowing:

Never give anything by mouth to an unconscious person. Rinse mouth with water. Do not induce vomiting. Seek

medical attention.

4.2 Most Important Symptoms and Effects, Both Acute and Delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

4.3 Indication of any Immediate Medical Attention and Special Treatment Needed

No Data Available

SECTION 5: FIREFIGHTING MEASURES

5.1 Suitable Extinguishing Media

Use water spray, alcohol-resistant foam, dry chemical, or CO_2

5.2 Special Hazards Arising from the Substance or Mixture

Carbon Oxides. Flash back possible over considerable distance. Container explosion may occur under fire conditions. Vapors may form explosive mixture with air. May form peroxides of unknown stability.

5.3 Advice for Firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further Information

Use water spray to cool unopened containers.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment, and Emergency Procedures

Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas. For personal protection see section 8.

6.2 Environmental Precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

6.3 Methods and Materials for Containment and Cleaning Up

Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13).

6.4 Reference to Other Sections

For disposal see Section 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for Safe Handling

Use personal protective equipment at all times. Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Keep away from sources of ignition. No smoking. Take measures to prevent the buildup of electrostatic charge. For additional precautions, see section 2.2.

7.2 Conditions for Safe Storage (including any incompatibilities)

Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Air sensitive. Forms explosive peroxides on prolonged storage. May form peroxides on contact with air. Purge with inert gas. Storage class (TRGS 510): Flammable liquids

7.3 Specific End Uses

Apart from the uses mentioned in section 1.2, no other specific uses are stipulated.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters

Components with workplace control parameters:

Component	CAS #	Value	Control Parameters	Basis
1-methoxy-2-propanol	107-98-2	TWA	50 ppm	USA. ACGIH Threshold Limit Values (TLV)

Component	CAS #	Value	Control Parameters	Basis
1-methoxy-2-propanol	107-98-2	STEL	100 ppm	USA. ACGIH Threshold Limit Values (TLV)
		TWA	100 ppm / 360 mg/m^3	USA. NIOSH Recommended Exposure Limits
		ST	150 ppm / 540 mg/m^3	USA. NIOSH Recommended Exposure Limits
Remarks:	Upper Respiratory Tract irritation; Eye irritation; 2015 Adoption; Not classifiable as a human carcinogen			
Isopropyl Alcohol	67-63-0	TWA	200 ppm	USA. ACGIH Threshold Limit Values (TLV)
		STEL	400 ppm	USA. ACGIH Threshold Limit Values (TLV)
		TWA	400 ppm / 980 mg/m^3	USA. NIOSH Recommended Exposure Limits
		ST	500 ppm / 1,225 mg/m^3	USA. NIOSH Recommended Exposure Limits
Remarks:	Central nervous system impairment; Upper respiratory tract irritation; Eye irritation; Substances for which there is a biological exposure index or indices (see BEI® section); Not classifiable as a human carcinogen			

Biological Occupational Exposure Limits

Component	CAS #	Parameters	Value	Biological Specimen	Basis
Isopropyl Alcohol	67-63-0	Acetone	40 mg/l	Urine	USA. ACGIH Threshold Limit Values (TLV)
Remarks:	End of shift at end of workweek				

8.2 Exposure Controls

Appropriate Engineering Controls

Handle under properly operating chemical fume hood designed for hazardous chemicals and having an average face velocity of at least 100 feet per minute. Safety shower and eye bath recommended.

Handle in accordance with good industrial hygiene and safety practice. Keep away from food and beverages. Remove all soiled and contaminated clothing immediately. Wash hands before breaks and end of workday.

Personal Protective Equipment

Respiratory Protection:

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. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Eye / Face Protection:

Face shield and/or safety glasses should be worn. Use eye protection equipment that is tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Hand Protection:

Handle with chemical resistant gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands after use.

Skin and Body Protection:

Impervious clothing; flame retardant antistatic protective clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Control of Environmental Exposure

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on Basic Physical and Chemical Properties

Form: Liquid, clear

Color: Colorless

Odor: Alcohol-like

pH: No Data Available

Melting point/range:	No Data Available
Density (25°C):	No Data Available
Viscosity (25°C):	No Data Available
Boiling Point:	No Data Available
Flashpoint:	No Data Available
Auto-ignition Temperature:	No Data Available
Lower Explosion Limit:	No Data Available
Upper Explosion Limit:	No Data Available
Vapor Pressure (25°C):	No Data Available
Vapor Density:	No Data Available
Water Solubility:	Soluble
Evaporation Rate:	No Data Available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

No Data Available

10.2 Chemical Stability

May form peroxides on prolonged storage. Date container and periodically test for peroxides. Stable under recommended storage conditions. Stable under recommended storage conditions (see Section 7.2)

10.3 Possibility of Hazardous Reactions

Vapors may form explosive mixture with air.

10.4 Conditions to Avoid

Heat, flames, sparks, extremes of temperature and direct sunlight

10.5 Incompatible Materials

Oxidizing agents, acid anhydrides, aluminum, halogenated compounds, acids, oxygen

10.6 Hazardous Decomposition Products

Other decomposition products: No Data Available (in the event of fire, see Section 5)

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects

Acute Toxicity

Oral LD50:	No Data Available
Inhalation LC50:	No Data Available
Dermal LD50:	No Data Available
Other Information:	No Data Available

Skin corrosion/irritation

No Data Available

Serious eye damage/eye irritation

No Data Available

Respiratory or skin sensitization

No Data Available

Germ cell mutagenicity

No Data Available

Carcinogenicity

This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification.

IARC: Group 3: Not classifiable as to its carcinogenicity to humans (2-Propanol)

ACGIH: No component of this product, present at levels greater than or equal to 0.1%, is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product, present at levels greater than or equal to 0.1%, is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product, present at levels greater than or equal to 0.1%, is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity

No Data Available

Teratogenicity

No Data Available

Specific target organ toxicity - single exposure (Globally Harmonized System)

May cause drowsiness or dizziness

Specific target organ toxicity - repeated exposure (Globally Harmonized System)

No Data Available

Aspiration hazard

No Data Available

Additional Information

1-methoxy-2-propanol (RTECS: UB7700000)

Stomach - Irregularities - Based on Human Evidence

Isopropyl Alcohol (RTECS: NT8050000)

Central nervous system depression; Prolonged or repeated exposure can cause: nausea, headache, vomiting, narcosis, drowsiness; Overexposure may cause: mild, reversible liver effects; Aspiration may lead to: lung oedema, pneumonia

Kidney - Irregularities - Based on Human Evidence

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

The toxicological properties of this material (mixture) have not been fully investigated.

12.2 Persistence and Degradability

No Data Available

12.3 Bioaccumulative Potential

No Data Available

12.4 Mobility in Soil

No Data Available

12.5 Results of PBT and vPvB Assessment

PBT/vPvB assessment not available as chemical safety assessment not conducted

12.6 Other Adverse Effects

No Data Available

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods

Product: Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional

waste disposal service to dispose of this material.

Contaminated Packaging: Dispose of as unused product.

SECTION 14: TRANSPORT INFORMATION

14.1 Department of Transportation (DOT - US)

UN number: 1866 Class: 3 Packing Group: III

Proper Shipping Name: Resin solution, flammable

14.2 International Maritime Dangerous Goods (IMDG)

UN number: 1866 Class: 3 Packing Group: III

Proper Shipping Name: Resin solution, flammable

14.3 International Air Transport Association (IATA)

UN number: 1866 Class: 3 Packing Group: III

Proper Shipping Name: Resin solution, flammable

14.4 Additional Transport Information

HT Code / Schedule B: 3208.90.0000

SECTION 15: REGULATORY INFORMATION

15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

The following components are subject to reporting levels established by SARA Title III, Section 313:

Component Name	CAS #
Isopropyl alcohol	67-63-0

SARA 311/312 Hazards

Component Name	CAS #	Hazards
1-methoxy-2-propanol	107-98-2	Fire Hazard, Acute Health Hazard, Chronic Health Hazard
Isopropyl alcohol	67-63-0	Fire Hazard, Acute Health Hazard, Chronic Health Hazard

The following product components are cited on the lists below:

Component	CAS #	List Citations
1-methoxy-2-propanol	107-98-2	MA, NJ, PA Right to Know
Isopropyl alcohol	67-63-0	MA, NJ, PA Right to Know

CALIFORNIA PROPOSITION 65

This product does not contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

15.2 Chemical Safety Assessment

A chemical safety assessment was not carried out for this product

SECTION 16: OTHER INFORMATION

REACH Number

A registration number is not available for this substance as the substance or its uses are exempted from registration, the annual tonnage does not require a registration or the registration is envisaged for a later registration deadline.

HMIS Classification		NFPA Rating	
Health Hazard:	2	Health Hazard:	2
Flammability Hazard:	3	Flammability Hazard:	3
Physical Hazard:	0	Reactivity Hazard:	0

Further Information

NEI has attempted to provide current and accurate information to the best of its knowledge. NEI makes no representations regarding the accuracy or completeness of the information and assumes no liability for any loss, damage, injury of any kind which may result from or arise out of the use of or reliance on the information by any person. Employers should use this information only as a supplement to other information gathered by them and should make independent judgment of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.