

# SAFETY DATA SHEET

## SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

NANO3D SYSTEMS LLC  
ADDRESS: 1110 NE Circle Blvd.,  
ATAMI/Bldg. 11, Corvallis, OR 97330  
<https://nano3dsystems.com>  
EMERGENCY NO. 1-800-424-9300 CHEMTREC

MATERIAL NAME: **RTM SOLUTION PART C**  
REVISED: April 2016  
CHEMICAL FAMILY: Filled silicone  
Product Number: ELN-EL9K-RTMC-01

## SECTION 2. HEALTH HAZARD INFORMATION

### **GHS Classifications**

None

### **Pictograms or Hazard Symbols**

None

### **Precautionary Statements**

Wear protective gloves  
Wash hands thoroughly after handling.  
Avoid release to the environment

## SECTION 3.COMPOSITION/INFORMATION ON INGREDIENTS

This material is a silicone rubber which contains calcium carbonate as an ingredient. The specific chemical identity of the ingredients of this formulation is considered a trade secret.

Material		Weight %
Sodium Hypophosphite Monohydrate	CAS# 7681-53-0	16
Water	CAS# 7732-18-5	
Total		

## SECTION 4. FIRST AID MEASURES

### EFFECTS OF OVEREXPOSURE

#### **FIRST AID:**

**Eye Contact:** Mild irritant to the naked eye. Flush eyes with water for at least 15 minutes. Seek medical attention if irritation persists.

**Skin Contact:** Mild irritant to exposed skin. Wash thoroughly with soap and water.

**Inhalation:** N/A

**Ingestion:** Not expected in industrial use.

## SECTION 5. FIRE FIGHTING MEASURES

Flash Point and Method	Autoignition Temp.	Flammability Limits In Air	<u>LOWER</u>	<u>UPPER</u>
	NA		NA	NA
REV 3	RTM C GHS Version		Page 1	

non-flammable

**Extinguishing media:** Fight fire with methods appropriate for surrounding materials.

**Special fire fighting procedures:** Not considered a fire hazard. When involved in a fire, does not contribute any unusual hazards. In any fire, prevent human exposure to fire, smoke, fumes or products of combustion. Evacuate non-essential personnel from the fire area. Fire fighters should wear full-face, self-contained breathing apparatus and impervious protective clothing.

## **SECTION 6. ACCIDENTAL RELEASE MEASURES**

**SPILLS, LEAKS:** Absorb spill with sand. Sweep up and place in an appropriate chemical waste container. Observe all local, state, and federal laws and regulations regarding disposal, spill cleanup, removal, or discharge. Do not re-use empty containers.

## **SECTION 7. HANDLING AND STORAGE**

Wash thoroughly after handling. Keep container closed tightly in a refrigerator or freezer below 15 °C. Do not store with foodstuffs.

## **SECTION 8. EXPOSURE CONTROL/PERSONAL PROTECTION**

**Respiratory protection:** Not required.

**Ventilation:** Not required

**Protective gloves:** Skin contact should be minimized through use of impermeable gloves.

**Other protective equipment:** Goggles, apron.

## **SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Form :</b>	Liquid
<b>Appearance :</b>	Clear, colorless
<b>Odor :</b>	None
<b>pH :</b>	6-8 (50% aqueous solution)
<b>Melting point:</b>	Not available
<b>Boiling point/Boiling range :</b>	Not available
<b>Flash point :</b>	Non-flammable.
<b>Ignition point :</b>	Will not ignite.
<b>Danger of explosion:</b>	Product is not explosive
<b>Decomposition temperature:</b>	Not available
<b>Vapor density (Air = 1) :</b>	Not available
<b>Volatiles, %:</b>	84
<b>Vapor pressure at 15° C, mm Hg:</b>	Not available
<b>Specific gravity :</b>	1.02 g/cc
<b>Solubility in / Miscibility water</b>	Complete
<b>Evap. Rate (Water = 1):</b>	Not available

## **SECTION 10. STABILITY AND REACTIVITY**

Stability                      Stable    X    Conditions to avoid: Excess heat  
Unstable

Incompatible with:

N/A

Hazardous decomposition products: N/A

Hazardous polymerization: May occur  
Will not occur X

Conditions to avoid: Excess heat, damp.

## **SECTION 11. TOXICOLOGICAL INFORMATION**

Sodium Hypophosphite:

LD<sub>50</sub>, Oral, Rat: 7640 mg/kg

Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation

## **SECTION 12. ECOLOGICAL INFORMATION**

This material does not present a hazard to the environment.

## **SECTION 13. DISPOSAL CONSIDERATIONS**

DISPOSAL: Dispose of in accordance with all federal state and local regulations. Send waste to an approved waste disposal facility.

## **SECTION 14. TRANSPORTATION INFORMATION**

Non-hazardous/not regulated.

## **SECTION 15. REGULATORY**

This material does not contain any substances on the list of Toxic Chemicals subject to Section 313 of the Superfund Amendments and Reauthorization Act of 1986 (SARA Title III).

## **SECTION 16. OTHER INFORMATION**

NFPA Codes:

Health: 1

Flammability: 0

Reactivity: 0

All ingredients of this product are listed on the US TSCA inventory under their parent anhydrous compounds.