



# SAFETY DATA SHEET

LC-53

## SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: NANO COLOR COAT & SEAL

Product Code: LC-53

Manufacturer: RS Technologies – PHX, AZ 85034

Information Phone: 480-237-9363

Emergency Number: Infotrac 1-800-535-5053

Date: 01-14-2020

## SECTION 2 – HAZARDS IDENTIFICATION

Globally Harmonized System (GHS)

Classification: Not Classified

GHS Label Elements: No Applicable

Signal Word: None

Hazard Statements: None

Precautionary Statements: None

## SECTION 3 – COMPOSITION/ INFORMATION ON INGREDIENTS

| <u>No.</u> | <u>Ingredient(s)</u>            | <u>CAS Reg. #</u> |
|------------|---------------------------------|-------------------|
| 1.         | 1,2 Propanediol                 | 00057-55-6        |
| 2.         | Dipropylene glycol Methyl Ether | 34590-94-8        |
| 3.         | Titanium Dioxide                | 13463-67-7        |
| 4.         | Calcium Carbonate               | 1317-65-3         |

See Section 8, Exposure Controls/ Personal Protection

## SECTION 4 – FIRST AID MEASURES

General: Remove affected person(s) from area. Treat symptomatically.

Eye Contact: Flush eyes with water for 15 minutes. Hold eyelids apart to ensure rinsing of the entire eye surface and lids with water. Call a physician.

Inhalation: Remove to fresh air and if needed give artificial respiration or oxygen. Call a physician if respiratory irritation develops or if breathing becomes difficult.

Skin Contact: Immediately wipe off affected area with a dry towel. Then wash skin with soap and water. Wash contaminated clothing before reuse and discard contaminated shoes. Call a physician if irritation persists.

Ingestion: Drink 1-2 glasses of water and immediately induce vomiting. Keep person warm, quiet and get medical attention. Aspiration of material into the lungs due to vomiting can cause chemical pneumonitis, which can be fatal.

## SECTION 5 – FIRE FIGHTING METHODS

|                           |                    |
|---------------------------|--------------------|
| Flash Point (Method)      | 175°F (Closed Cup) |
| Auto-ignition Temperature | Not Determined     |
| Lower Explosive Limit     | Not Determined     |
| Upper Explosive Limit     | Not Determined     |

Unusual Hazards: None.

Extinguishing Media: Foam, CO<sub>2</sub>, Dry Chemical, Water fog.

Personal Protection Equipment: Wear special chemical protective clothing and positive self-contained breathing apparatus.

Fire and Explosion Hazards: Decomposition and combustion products may be hazardous.

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

Accidental Release Measures: Spills should be contained and placed in suitable containers for disposal in a licensed facility. This material is not regulated by RCRA or CERCLA.

## SECTION 7 – HANDLING AND STORAGE

Handling Procedures

(Personnel): Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling. Wash clothing after use. Discard shoes if contaminated. Do not breathe vapors, mist or dust. Store in dry area in closed containers.

## SECTION 8 – EXPOSURE CONTROLS/ PERSONEL PROTECTION

Exposure Limit Information

| No. | CAS<br>REG. No. | (%)<br>Weight | OSHA<br>PEL | OSHA<br>TWA | OSHA<br>STEL | ACGIH<br>TLV | ACGIH<br>TWA |
|-----|-----------------|---------------|-------------|-------------|--------------|--------------|--------------|
| 1.  | 00057-55-6      | <2            | NE          | NE          | NE           | NE           | NE           |
| 2.  | 34590-94-8      | <2            | 100ppm      | 100ppm      | NE           | 100ppm       | 150ppm       |
| 3.  | 13463-67-7      | <15           | NE          | NE          | NE           | NE           | NE           |
| 4.  | 1317-65-3       | <5            | NE          | NE          | NE           | NE           | NE           |

Respiratory Protection: Organic chemical cartridge respirator, if necessary.

Eye Protection: Wear safety glasses. Wear full-face chemical splash goggles where the possibility of contact due to splashing exists.

Skin Protection: Wear impervious gloves, apron, boots or whole body suit made from butyl rubber or other impervious material as needed to reduce contact with skin.

Engineering Controls: Use sufficient mechanical ventilation and local exhaust.

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

|                                       |                  |
|---------------------------------------|------------------|
| Appearance & Physical State           | Pigmented Liquid |
| Odor                                  | Mild Solvent     |
| Viscosity                             | 850 cps          |
| Specific Gravity (water = 1)          | 1.25             |
| Vapor Density (air=1)                 | > 1              |
| Vapor Pressure (mm Hg)                | N/A              |
| Boiling Point                         | >200°F           |
| Solubility in Water                   | Soluble          |
| Percent Volatile                      | 60               |
| Evaporation Rate (N-butyl Acetate =1) | N/A              |

## SECTION 10 –STABILITY AND REACTIVITY

Stability: Stable

Conditions to Avoid: Elevated temperatures. Maintain storage temp. of 10 - 30°C

Incompatibility (Material to Avoid): Metal salts will coagulate the product.

Hazardous Decomposition of Byproducts: Produces normal products of combustion.

Hazardous Polymerization: Will Not Occur.

## **SECTION 11 – TOXICOLOGICAL INFORMATION**

**Likely Routes of Exposure:** Inhalation, Ingestion, Eye contact, Skin contact

**Inhalation:**

Acute- Mist or sprays may cause mild respiratory irritation

Chronic- continual exposure to heated vapors can cause irritations to nose throat and eyes

**Ingestion:**

Acute: May cause some irritation of gastro-intestinal tract

Chronic: ND

**Eye Contact:**

Acute: May cause mild irritation blurred vision

Chronic: ND

**Skin Contact:**

Acute: transient irritation and redness.

Chronic: ND

**Condition aggravated by exposure:** None Known

**Overexposure Effects:** Irritation

Irritancy: yes- reversible

Sensitizer: no

**Skin corrosion/Irritation:** ND

**Serious eye Damage/ Eye Irritation:** ND

**Respiratory or Skin Sensitization:** ND

**Carcinogenicity:** ND

**US. National Toxicity Program (NTP) report on Carcinogens:**

No carcinogenic components identified

**US. OSHA Specifically Regulated Substances (26 CFR 1910.1001-1050):**

No carcinogenic components identified

**Germ Cell Mutagenicity:**

**In vitro:** Ames-Test (OECD-Guideline 471 (Genetic toxicology: Salmonella typhimurium, Reverse Mutation Assay)): Positive

**In vitro:** Micronucleus test (mouse) (OECD-Guideline 474(Genetic Toxicology: Micronucleus Test)): Negative

## **SECTION 12 – ECOLOGICAL INFORMATION**

**Toxicity:**

Acute Hazards

**Fish:** ND

**Aquatic Invertebrates:** ND

Chronic Hazards

**Fish:** ND

**Aquatic Invertebrates:** ND

**Toxicity to Aquatic Plants:** ND

**Biodegradation:** ND

**Bio accumulative potential:** ND

**Mobility in soil:** ND

## **SECTION 13 – DISPOSAL CONDITIONS**

**Waste Disposal**

Treatment, storage, transportation and disposal must be in accordance with applicable local, state and federal regulations. Incinerate or bury in a licensed facility.

#### **SECTION 14 – TRANSPORTATION INFORMATION**

Proper Shipping Name: Not Regulated  
UN Number: N/A  
Dot/IMO Label: N/A  
Packing Group: N/A

#### **SECTION 15 – REGULATORY INFORMATION**

U S Federal Regulations  
TSCA Inventory Status: Reported/Included

**SARA title III: Section 313 – Toxic Chemical(s):** This product does not contain a toxic chemical for routine annual “Toxic Chemical Release Reporting” under Sec. 313 (40 CFR 372)

**RCRA:** Not a hazardous waste under RCRA (40 CFR 261)

**CERCLA:** Not Listed.

**California Proposition 65:** None

#### **SECTION 16 – OTHER INFORMATION**

HMIS RATINGS: Health – 1  
Fire – 0  
Reactivity – 0  
Other – N/A

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