



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, CO2, 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 REG. No.	(%) Weight	OSHA PEL	OSHA TWA	OSHA STEL	ACGIH TLV	ACGIH 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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