VIETEK™
NATIONAL COATINGS AND SUPPLIES
4900 FALLS OF NEUSE RD. SUITE 150
RALIEGH NC, 27609
USA
866-529-1682

PRODUCT: 34-213 O - E Coat - Light Green

SECTION 01: IDENTIFICATION

Initial supplier identifier.....	National Coatings and Supplies 4900 Falls of Neuse Rd, Suite 150 Raleigh NC USA 27609 866-529-1682
Product identifier.....	34-213 O - E Coat - Light Green
Recommended use and restrictions on use ..	Paints.
Chemical family.....	Mixture.
NFPA rating.....	Health: 2 Fire: 3 Reactivity: 0.
HMIS.....	H: 2 F: 3 R: 0.
24 hour emergency number:.....	For transportation emergencies (in Canada) call CANUTEC 1-888-226-8832 (CAN-UTEC); IN THE UNITED STATES CALL CHEMTREC 1-800-424-9300. ** For medical emergencies contact your local poison control centre **.

SECTION 02: HAZARD IDENTIFICATION

Signal Word.....	DANGER.
Hazard Classification.....	Flammable Aerosol 1. Gases Under Pressure: Liquefied Gas. Carcinogenicity — Category 2. Reproductive 1B.
Hazard Description.....	H222 Extremely flammable aerosol . H229 Pressurized container: may burst if heated. H280 Contains gas under pressure; may explode if heated. H351 This product contains ingredients that are suspected of causing cancer. H360 May damage fertility or the unborn child.
Prevention.....	P201 Obtain special instructions before use. P202 Do not handle this product until all safety instructions have been read and understood. P210 Keep away from heat, sparks, open flames and hot surfaces. No smoking. P211 Do not spray on an open flame or other ignition sources. P251 Do not pierce or burn container, even after use. P280 Wear protective gloves and eye protection.
Response	P308 + P313 If exposed or concerned, get medical advice/attention.
Storage.....	P410 Protect from sunlight. P412 Do not expose to temperature exceeding 50°C / 122°F. P403 Store in a well ventilated area. P405 Store locked up.
Disposal.....	P501 Dispose all unused, waste or empty containers in accordance with local regulations.

SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME AND SYNONYMS	CAS #	WT. %
Isobutyl Acetate	110-19-0	30-60
Propane	74-98-6	10-30
Isobutane	75-28-5	7-13
Titanium Dioxide	13463-67-7	5-10
2-Propanol, 1-methoxy-, acetate	108-65-6	1-5
Xylene	1330-20-7	0.5-1.5
Ethylbenzene	100-41-4	0.1-1
Toluene	108-88-3	0.1-1
Carbon Black	1333-86-4	0.1-1
N-methyl pyrrolidone	872-50-4	0.1-1

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SECTION 04: FIRST-AID MEASURES

Eye contact.....	In case of contact, immediately flush eyes, keeping eyelids open, with plenty of water for at least 15 minutes. Consult a physician if irritation continues.
Skin contact.....	Remove all contaminated clothing and immediately wash the exposed areas with copious amounts of water for a minimum of 30 minutes or up to 60 minutes for critical body areas. If irritation persists, seek medical attention.
Inhalation.....	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen, obtain medical attention.
Ingestion.....	Do not induce vomiting. If ingestion is suspected, contact physician or poison control center immediately. If spontaneous vomiting occurs have victim lean forward with head down to prevent aspiration of fluid into the lungs. Never give anything by mouth to an unconscious person.
Most important symptoms and effects, ... whether acute or delayed	Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Direct contact with eyes may cause temporary irritation. Vapors have a narcotic effect and may cause headache, fatigue, dizziness and nausea.
Immediate medical attention and special . treatment needed, if necessary	In case of shortness of breath give oxygen. Keep victim warm. Keep victim under observation. Symptoms may be delayed.
Additional information.....	Treat victims symptomatically. In the event of an incident involving this product ensure that medical authorities are provided a copy of this safety data sheet.

SECTION 05: FIRE-FIGHTING MEASURES

Suitable and unsuitable extinguishing ..... media	"Alcohol" foam, CO2, dry chemical. In cases of larger fires, water spray should be used. Do not use water in a jet.
Specific hazards arising from the ..... hazardous product, such as the nature of any hazardous combustion products	Oxides of carbon (CO, CO2). Other potentially toxic fumes.
Special protective equipment and ..... precautions for fire-fighters	Extremely flammable aerosol. Firefighter should be equipped with self-contained breathing apparatus and full protective clothing to protect against potentially toxic and irritating fumes. Cool fire-exposed containers with cold water spray. Heat will cause pressure buildup and may cause explosive rupture. Solvent vapours may be heavier than air and may build up and travel along the ground to an ignition source, which may result in a flash back to the source of the vapours. Keep run-off water from entering sewers and other waterways. Dike for water control.

SECTION 06: ACCIDENTAL RELEASE MEASURES

Leak/spill.....	No action shall be taken involving any personal risk or without suitable training. Evacuate all non-essential personnel. Avoid all personal contact. Ventilate. Eliminate all sources of ignition. Always adopt precautionary measures against build-up of static which may arise from appliances, handling and the containers in which product is packed. Contain the spill. Spilled material and water rinses are classified as chemical waste, and must be disposed of in accordance with current local, provincial, state, and federal regulations. Prevent runoff into drains, sewers, and other waterways. Absorb with earth, sand, or another dry inert material.

SECTION 07: HANDLING AND STORAGE

Precautions for safe handling.....	Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open flames. Prevent accumulation of electrostatic charges. Always adopt precautionary measures against build-up of static which may arise from appliances, handling and the containers in which product is packed. Ground handling equipment. Avoid all skin contact and ventilate adequately, otherwise wear an appropriate breathing apparatus. Avoid breathing vapours or mist. Handle and open container with care. Employees should wash hands and face before eating or drinking.
Conditions for safe storage, including any incompatibilities	Keep away from heat, sparks, and open flames. Keep container closed when not in use. Store away from oxidizing and reducing materials. Store away from sunlight. Do not store above 50 deg C.

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

INGREDIENTS	ACGIH TLV TWA	ACGIH TLV STEL	OSHA PEL PEL	OSHA PEL STEL	NIOSH REL
Isobutyl Acetate	150 ppm	Not established	150 ppm	Not established	150 ppm
Propane	1,000 ppm	Not established	1,000 ppm	Not established	1,000 ppm

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SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

INGREDIENTS	ACGIH TLV TWA	ACGIH TLV STEL	OSHA PEL PEL	OSHA PEL STEL	NIOSH REL
Isobutane	Not established	Not established	Not established	Not established	800 ppm
Titanium Dioxide	10 mg/m3	Not established	15 mg/m3	Not established	Not established
2-Propanol, 1-methoxy-, acetate	50 ppm	75 ppm	Not established	Not established	Not established
Xylene	50 ppm	150 ppm	100 ppm TWA	Not established	Not established
Ethylbenzene	100 ppm	125 ppm	100 ppm	Not established	100 ppm / STEL 125 ppm
Toluene	20 ppm	Not established	200 ppm	500 ppm 10 minutes	100 ppm / STEL 150 ppm
Carbon Black	3.5 mg/m3	Not established	3.5 mg/m3	Not established	3.5 mg/m3
N-methyl pyrrolidone	Not Established	Not Established	Not Established	Not Established	Not Established

Personal protective equipment
Eye/type..... Liquid chemical goggles.
Respiratory/type..... Local exhaust ventilation is recommended. Wear an appropriate, properly fitted respirator when contaminant levels exceed the recommended exposure limits.
Gloves/ type..... Chemical resistant gloves.
Clothing/type..... Wear adequate protective clothes.
Footwear/type..... Safety boots per local regulations.
Other/type..... Emergency showers and eye wash stations should be available.
Appropriate engineering controls..... Local exhaust at points of emission. Ventilation system must be designed vapor and explosion proof for handling solvent vapors.

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Physical state..... Aerosol.
Colour..... Green.
Odour..... No data.
Odour threshold (ppm)..... Not available.
Vapour pressure (mm Hg)..... Not available.
Vapour density (air=1)..... No data.
pH..... No data.
Relative Density (Specific Gravity)..... 0.89. (Aerosol) . 0.99. (Liquid) .
Melting / Freezing point (deg C)..... Not Available.
Solubility..... Not soluble in water.
Initial boiling point / boiling range (deg C). >100°C.
Evaporation rate..... > 1.0.
Flash point (deg C), method..... 16.7. (estimate for liquid).
Auto ignition temperature (deg C)..... 450°C. (propellant).
Upper flammable limit (% vol)..... 9.5. (propellant).
Lower flammable limit (% vol)..... 1.8. (propellant).
Coefficient of water\oil distribution..... Not available.
VOC..... 631.2 g/L - 5.26 lb/USG.
Decomposition temperature..... Not available.
Viscosity..... No data.

SECTION 10: STABILITY AND REACTIVITY

Chemical stability..... Stable at normal temperatures and pressures.
Reactivity ..... Avoid heat, sparks and flames. Explosive reactions can occur in the presence of strong oxidizing agents.
Conditions to avoid, including static ..... discharge, shock or vibration Keep away from heat. Incompatible with strong oxidizers. Electrostatic charge.
Hazardous decomposition products..... By fire:. Dense black smoke. Oxides of carbon (CO,CO2).
Possibility of hazardous reactions..... Hazardous polymerization will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENTS	LC50	LD50
Isobutyl Acetate	>13.24 mg/L /6 h rat	15400 mg/kg (rat oral) > 17400 mg/kg (rabbit dermal)

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SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENTS	LC50	LD50
Propane	>1,464 mg/L 15 minutes rat	Not available
Isobutane	52 mg/L 1 hour mouse	Not available
Titanium Dioxide	Not Available	> 10,000 mg/kg rat oral > 10,000 mg/kg rabbit dermal
2-Propanol, 1-methoxy-, acetate	Not Available	8,532 mg/kg rat oral 5,000 mg/kg dermal rabbit
Xylene	6350 ppm 4 hours rat	>3523 mg/kg rat oral
Ethylbenzene	No data	3,500 mg/kg rat oral 17,800 mg/kg rabbit dermal
Toluene	8000 ppm rat inhalation 400 ppm mouse inhalation 24hr	5,000 mg/kg rat oral; 12,124 mg/kg rabbit dermal
Carbon Black	Not available	>10,000 mg/kg oral rat 3,000 mg/kg dermal rabbit
N-methyl pyrrolidone	No Data	3600 mg/kg (oral, rat)

Route of exposure..... Eye contact. Skin contact. Inhalation. Ingestion. Skin absorption.
Skin contact..... Can cause moderate irritation, defatting and dermatitis.
Skin absorption..... May be harmful if absorbed through the skin.
Eye contact..... Can cause redness, irritation, tissue destruction.
Inhalation (acute)..... Excessive inhalation of vapours can cause respiratory irritation, dizziness, headache, vomiting and unconsciousness.
Inhalation (chronic)..... Chronic exposure to organic solvent vapors have been associated with various neurotoxic effects including permanent brain and/or nervous system damage, kidney, liver, blood damage and reproductive effects among women. Symptoms may include nausea, vomiting, abdominal pain, headache, impaired memory, loss of coordination, insomnia and breathing difficulties.
Ingestion..... May be harmful or fatal if swallowed. Swallowing causes inebriation, headache, vomiting, leading to severe illness, blindness, even death. Aspiration of material into lungs can cause chemical pneumonitis which can be fatal.
Effects of chronic exposure..... Breathing high concentrations of vapour may cause anesthetic effects and serious health effects. Prolonged or repeated skin contact may cause drying or cracking of skin. Intentional misuse by deliberately concentrating and inhaling this product may be harmful or fatal .
Carcinogenicity of material..... IARC has classified Titanium Dioxide as a group 2B carcinogen. Xylene has been listed by IARC as a Group 3; not classifiable as to its carcinogenicity to humans. Ethylbenzene is classified as an A3 known animal carcinogen. IARC has classified Carbon Black as "Group 2B", possibly carcinogenic to humans, based on laboratory animal inhalation studies.
Reproductive effects..... Reproductive toxicity (developmental): N-methyl pyrrolidone. High level exposure to Xylene in some animal studies have been reported to cause health effects on the developing embryo/fetus. The relevance of this to humans is not known. Toluene is fetotoxic in rats and mice at maternally toxic levels. Prolonged and repeated exposure of pregnant animals (>1500 ppm) to Toluene have been reported to cause adverse fetal developmental effects.

SECTION 12: ECOLOGICAL INFORMATION

Environmental..... Do not allow to enter waters, waste water or soil.

SECTION 13: DISPOSAL CONSIDERATIONS

Information on safe handling for disposal . and methods of disposal, including any contaminated packaging: This material and its container must be disposed of as hazardous waste. Avoid release to the environment. Dispose of waste in accordance with all applicable Federal, Provincial/State and local regulations.

SECTION 14: TRANSPORT INFORMATION

TDG Classification..... UN1950 - AEROSOLS, flammable - Class 2.1 - This product meets limited quantity exemption when shipped in containers less than 1 Litre.
DOT Classification (Road)..... UN1950 - AEROSOLS, flammable - Class 2.1 - Ltd Qty (1 Liter/0.26 Gallons).
IATA Classification (Air)..... UN1950 - AEROSOLS, flammable - Class 2.1 - Limited Quantity.
IMDG Classification (Marine)..... UN1950 - AEROSOLS - Class 2.1 - EmS: F-D, S-U - Limited Quantity.
Marine Pollutant..... No.
Proof of Classification..... In accordance with Part 2.2.1 of the Transportation of Dangerous Goods Regulations (July 2, 2014) - we certify that classification of this product is correct. .

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SECTION 15: REGULATORY INFORMATION

CEPA status.....	On Domestic Substances List (DSL).
TSCA inventory status.....	Not determined.
OSHA.....	This product is considered hazardous under the OSHA Hazard Communication Standard.
SARA Title III	
Section 302 - extremely hazardous ..... substances	None.
Section 311/312 - hazard categories.....	Immediate health, delayed health, fire hazard.
Section 313.....	Ethylbenzene. Xylene.
EPA hazardous air pollutants (HAPS) 40CFR63	Ethylbenzene. Toluene. Xylene.
California Proposition 65.....	*WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm. (N-methyl pyrrolidone (nmp)). (Toluene). *WARNING: This product contains a chemical known to the State of California to cause cancer. (Carbon black - airborne, unbound particles of respirable size). (Ethyl benzene). (Titanium dioxide - airborne, unbound particles of respirable size).

SECTION 16: OTHER INFORMATION

Prepared by:	REGULATORY AFFAIRS. Trivalent Data Systems Ltd. www.trivalent.com.
Telephone number:.....	(800) 387-7981.
Disclaimer:.....	DISCLAIMER: All information appearing herein is based upon data obtained from experience and recognized technical sources. To the best of our knowledge, it is believed to be correct as of the date of issue but we make no representations as to its accuracy or sufficiency and do not suggest or guarantee that any hazards listed herein are the only ones which exist. The hazard information contained herein is offered solely for the consideration of the user, subject to his own investigation and verification of compliance with applicable regulations, including the safe use of the product under every foreseeable condition. The information relates only to the product designated herein, and does not relate to its use in combination with any other material or in any other process.
Date of the latest revision of the safety data sheet ..	JUL 25/2017