



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

**PRODUCT: 36-333 Lacquer Tool and Equipment Wash**

### 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..... 36-333 Lacquer Tool and Equipment Wash

Recommended use and restrictions on .. Thinner. Solvent blend.  
use

Chemical family..... Mixture.

NFPA rating..... Health: 3 Fire: 4 Reactivity: 0.

HMIS..... H: 3 F: 4 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 Liquid 2. Aspiration Toxicity 1. Acute Toxicity (Dermal) — Category 3. Acute Toxicity (Oral) — Category 3. Skin Irritation — Category 2. Eye Irritation — Category 2A. Specific Target Organ Toxicity — Single Exposure — Category 3. (respiratory system). (narcotic effects). Reproductive Toxicity — Category 1. (development). Specific Target Organ Toxicity — Single Exposure — Category 1. Specific Target Organ Toxicity — Repeated Exposure — Category 2.

Hazard Description..... H225 Highly flammable liquid and vapour. H301 Toxic if swallowed. H304 May be fatal if swallowed and enters airways. H311 Toxic in contact with skin. H315 Causes skin irritation. H319 Causes serious eye irritation. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness. H360 May damage fertility or the unborn child. H370 Causes damage to organs. H373 May cause damage to organs through prolonged or repeated exposure.

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. P233 Keep container tightly closed. P240 Ground and bond container and receiving equipment. P241 Use explosion proof equipment. P242 Use only non-sparking tools. P243 Take precautionary measures against static discharge. P260 Do not breathe mist, vapours, or spray. P264 Wash thoroughly after handling. P270 Do not eat drink or smoke while using this product. P271 Use only outdoors or in a well ventilated area. P280 Wear protective gloves and eye protection.

Response ..... P370 + P378 In case of fire - use dry chemical powder, CO2 or foam to extinguish. P303 + P361 + P353 If on skin or in hair: take off all contaminated clothing immediately. Rinse thoroughly with water and use safety shower. P301 + P310 If swallowed IMMEDIATELY CALL A POISON CONTROL CENTRE and follow instructions provided by the centre. P330 Rinse mouth. P331 Do NOT induce vomiting. P304 + P340 - If inhaled remove person to fresh air and keep comfortable for breathing. P308 + P311 If exposed or concerned; call a poison center or doctor. P302 + P352 - If on skin: wash with plenty of water. P361 + P364 Take off immediately all contaminated clothing and wash it before reuse. P332 + P313 - If skin irritation occurs get medical attention or advice. P305 + P351 + P338 If in eyes rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing until medical help arrives. P337 + P313 - If eye irritation persists get medical attention. P308 + P313 If exposed or concerned, get medical advice/attention. P314 - Get medical advice/attention if you feel unwell.

Storage..... P233 Keep container tightly closed. P403 + P235 Store in well ventilated area. Keep cool. P405 Store locked up.

**PRODUCT: 36-333 Lacquer Tool and Equipment Wash****SECTION 02: HAZARD IDENTIFICATION**

Disposal..... P501 Dispose all unused, waste or empty containers in accordance with local regulations.  
 Note ..... This product mixture has been classified based on its ingredients.

**SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS**

CHEMICAL NAME AND SYNONYMS	CAS #	WT. %
Methanol	67-56-1	30-60
Toluene	108-88-3	15-40
Acetone	67-64-1	7-13
Light Aliphatic Solvent Naphtha	64742-89-8	5-10
Naphtha (petroleum), hydro-treated light	64742-49-0	5-10

<<The actual concentration(s) withheld as a trade secret>> .

**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. Obtain medical attention.

Skin contact..... Immediately flush skin with plenty of soap and water. Remove contaminated clothing. Wash clothing before reuse. If irritation persists, seek medical attention. If signs of intoxication (poisoning) occur, get medical attention immediately.

Inhalation..... If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen, obtain medical attention.

Ingestion..... If ingestion is suspected, contact physician or poison control center immediately. Do not induce vomiting. 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, ..... Harmful if swallowed, in contact with skin or if inhaled. Causes skin and eye irritation. whether acute or delayed Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Methyl alcohol: The intoxication begins with central nervous system depression resulting in narcosis, followed by an asymptomatic latency period that usually lasts 12 to 24 hours. Metabolic acidosis sets in and symptoms such as headache, dizziness, nausea and vomiting appear. This is followed, in more serious cases, by abdominal and muscular pains as well as breathing difficulties. There are also disorders such as blurred vision, photophobia, impaired pupillary reflex and eye pain. Causes damage to organs through prolonged or repeated exposure. Vapors have a narcotic effect and may cause headache, fatigue, dizziness and nausea. High vapour concentrations may be irritating to the respiratory tract. This product contains ingredients that are suspected of damaging fertility or the unborn child.

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. The main hazard from ingestion is aspiration of the liquid into the lungs producing chemical pneumonitis.

**SECTION 05: FIRE-FIGHTING MEASURES**

Suitable and unsuitable extinguishing ..... Aqueous Film Forming Foam (alcohol resistant). "Alcohol" foam, CO<sub>2</sub>, dry chemical. In media cases of larger fires, water spray should be used. Do not use water in a jet.

Specific hazards arising from the ..... Extremely flammable. Thermal decomposition products are toxic. May include: Oxides of hazardous product, such as the nature of carbon (CO, CO<sub>2</sub>). Formaldehyde. Dense black smoke.

Special protective equipment and ..... Firefighter should be equipped with self-contained breathing apparatus and full protective precautions for fire-fighters 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. Keep run-off water from entering sewers and other waterways. Dike for water control.

**SECTION 06: ACCIDENTAL RELEASE MEASURES**

Personal precautions, protective ..... Isolate area and keep unauthorized people away. Do not walk through spilled material. equipment and emergency procedures Wear recommended protective equipment. Ventilate. Open windows and doors to allow air circulation. Dike area to prevent spreading. The use of absorbent socks or spill pillows may be required. Stop leak if safe to do so. Prevent runoff into drains, sewers, and other waterways. Use non-sparking tools and equipment to pick up the spilled material.

Methods and materials for containment and cleaning up

**PRODUCT: 36-333 Lacquer Tool and Equipment Wash****SECTION 06: ACCIDENTAL RELEASE MEASURES**

Leak/spill..... Ventilate. Eliminate all sources of ignition. Avoid all personal contact. Evacuate all non-essential personnel. Contain the spill. Prevent runoff into drains, sewers, and other waterways. Absorb with an inert dry material and place in an appropriate waste container. 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.

**SECTION 07: HANDLING AND STORAGE**

Precautions for safe handling..... Keep away from heat, sparks, and open flame. Ground handling equipment. This material is a static accumulator. Always adopt precautionary measures against build-up of static which may arise from appliances, handling and the containers in which product is packed. 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 Store away from all sources of heat and ignition. Store away from oxidizing and reducing materials. Store away from sunlight. Keep container closed when not in use. Avoid: Lead. Aluminum. Zinc. Polyethylene. PVC. Polystyrene, Natural rubber, Butyl rubber, EPDM.

**SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION**

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL	NIOSH
Methanol	200 ppm	250 ppm skin	200 ppm	Not established	200 ppm / STEL 250 ppm	
Toluene	20 ppm	Not established	200 ppm	500 ppm 10 minutes	100 ppm / STEL 150 ppm	
Acetone	250 ppm TLV	500 ppm	1,000 ppm	Not established	250 ppm	
Light Aliphatic Solvent Naphtha	Not established	Not established	Not established	Not established	Not established	Not established
Naphtha (petroleum), hydro-treated light	1640 mg/m3 (heptane) 1100 ppm (IDLH)	Not established	Not established	Not established	Not established	Not established
Personal protective equipment Respiratory/type.....	Local exhaust ventilation is recommended. Wear respiratory protection if the concentration (for methanol) in the workplace is higher than the TWAV (200 ppm or 262 mg / m <sup>3</sup> ) or the VECD (250 ppm or 328 mg / m <sup>3</sup> ) .					
Eye/type.....	Liquid chemical goggles. Chemical safety goggles and full faceshield if a splash hazard exists.					
Gloves/ type.....	Wear skin protection equipment. The selection of skin protection equipment depends on the nature of the work to be performed.					
Clothing/type.....	Wear adequate protective clothes.					
Footwear/type.....	Safety boots per local regulations.					
Other/type.....	Emergency showers and eye wash stations should be available. Employees should wash their hands and face before eating, drinking, or using tobacco products.					
Appropriate engineering controls.....	Provide natural or mechanical ventilation to control exposure levels below airborne exposure limits. Local mechanical exhaust ventilation should be used at sources of air contamination, such as open process equipment, or during purging operations, to capture gases and fumes that may be emitted. Standard reference sources regarding industrial ventilation (ie. ACGIH industrial ventilation) should be consulted for guidance about adequate ventilation. . Explosion-proof exhaust ventilation.					

**SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES**

Appearance/Physical state..... Liquid.  
 Colour..... Clear.  
 Odour..... Alcohol odour. Characteristic odour.  
 Odour threshold (ppm)..... Toluene: 0.16-37 ppm.  
 pH..... Not applicable.  
 Melting / Freezing point (deg C)..... < 0 °C.  
 Initial boiling point / boiling range (deg C)..... > 56 C.  
 Flash point (deg C), method..... -18°C. (estimate; lowest flash point ingredient).  
 Evaporation rate..... > 1.0.  
 Flammability (solids and gases)..... Not applicable. Flammable liquid.  
 Upper flammable limit (% vol)..... 36.  
 Lower flammable limit (% vol)..... 0.9.  
 Vapour pressure (mm Hg)..... > 11 mm Hg.

**PRODUCT: 36-333 Lacquer Tool and Equipment Wash****SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES**

Vapour density (air=1).....	>1.
Relative Density (Specific Gravity).....	0.808.
Pounds / USG.....	6.74.
Solubility.....	Negligible.
Coefficient of water/oil distribution.....	Not available.
Auto ignition temperature (deg C).....	282°C (540°F).
Decomposition temperature.....	Not available.
Viscosity.....	No data.
% Volatile by volume.....	100.
VOC.....	6.00 lbs/USG.

**SECTION 10: STABILITY AND REACTIVITY**

Reactivity .....	Avoid heat, sparks and flames.
Chemical stability.....	Stable at normal temperatures and pressures.
Possibility of hazardous reactions.....	Hazardous polymerization will not occur.
Conditions to avoid, including static discharge, shock or vibration .....	Keep away from heat.
Incompatible materials.....	Strong acids. Strong bases. Strong oxidizers. Acetone may ignite or react violently with strong oxidizing agents, such as chromic acid, chromium trioxide, chromyl chloride, hot nitric acid, potassium permanganate (in an alkaline medium), or peroxides. Aldehydes. Ammonia. Chlorine compounds. Peroxides.
Hazardous decomposition products.....	Oxides of carbon (CO,CO2). Dense black smoke. Formaldehyde.

**SECTION 11: TOXICOLOGICAL INFORMATION**

INGREDIENTS	LC50	LD50
Methanol	128.2 mg/L, 4h rat	420 mg/kg oral, 5,628 mg/kg rat oral, 15,800 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
Acetone	50,100 mg/m3 8 hours rat inhalation	5,800 mg/kg rat oral
Light Aliphatic Solvent Naphtha	3400 ppm 4hr rat	3000 mg/kg dermal rat
Naphtha (petroleum), hydro-treated light	73680 ppm 4 hours rat	>5000 mg/kg (oral, rat) >3160 mg/mg (dermal, rabbit)
Acute Toxicity Estimate.....	ATE mix (oral): . 228 mg/kg. . ATE mix (dermal):. 719 mg/kg. .	
Route of exposure.....	Eye contact. Skin contact. Inhalation.	
Effects of acute exposure.....	Irritating to eyes, skin and respiratory system. May be harmful if absorbed through the skin. Ingestion may cause adverse health effects. May cause drying or flaking of the skin. In the workplace, acetone is absorbed mainly through the respiratory tract. It can also be absorbed through the skin and digestive tract. Methyl alcohol is rapidly absorbed by inhalation. Methanol: The poisoning begins with central nervous system depression resulting in narcosis, followed by an asymptomatic latency period that usually lasts 12 to 24 hours. Metabolic acidosis sets in and then develops symptoms such as headache, dizziness, nausea and vomiting. This is followed, in more serious cases, by abdominal and muscular pains as well as breathing difficulties. There are also disorders such as blurred vision, photophobia, impaired pupillary reflex and eye pain. Depending on the degree of intoxication, these disorders may be reversible or may progress to a deterioration of vision that can lead to blindness in severe cases, especially by ingestion. The onset of these symptoms coincides with the development of metabolic acidosis. In severe cases, progression to coma and death is usually observed, which usually occurs with respiratory failure.	
Effects of chronic exposure.....	Methyl alcohol: A study was carried out among workers operating copying machines based on methanol (purity of 99%). Workers' exposure ranged from 1 hour per day, 1 day a week to 8 hours a day, 5 days a week, for 3 years. The methanol concentrations were between 365 and 3080 ppm. Headache, dizziness, nausea and blurred vision have been reported. In another study, severe and recurrent headaches were reported in workers exposed to concentrations ranging from 200 to 375 ppm. Prolonged or repeated skin contact may cause drying or cracking of skin. Breathing high concentrations of vapour may cause anesthetic effects and serious health effects. Intentional misuse by deliberately concentrating and inhaling this product may be harmful or fatal . May cause nausea, headache, dizziness, and drowsiness. Chronic exposure to organic solvents may cause permanent brain and nervous system damage.	
Carcinogenicity of material.....	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC or ACGIH.	
Reproductive effects.....	Methanol is teratogenic and embryotoxic in animals.	

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Specific Target Organ Toxicity ..... May cause respiratory irritation. May cause drowsiness or dizziness. Causes damage to organs through prolonged or repeated exposure .

**SECTION 12: ECOLOGICAL INFORMATION**

Environmental..... Do not allow to enter waters, waste water or soil.  
Persistence and degradability..... Not available.

**SECTION 13: DISPOSAL CONSIDERATIONS**

Information on safe handling for disposal and methods of disposal, including any contaminated packaging . Dispose of waste in accordance with all applicable Federal, Provincial/State and local regulations. Empty containers must be handled with care due to product residue.

**SECTION 14: TRANSPORT INFORMATION**

TDG Classification..... UN1992 - Flammable Liquid, Toxic, NOS (Acetone, Methanol) - Class 3(6.1) - Packing Group II - Limited Quantity Index 1L.  
DOT Classification (Road)..... UN1992 - Flammable Liquid, Toxic, NOS (Acetone, Methanol) - Class 3(6.1) - Packing Group II - Limited Quantity 1L (0.26 gal). Refer to 49CFR 172.101 for additional non-bulk packaging requirements.  
IATA Classification (Air)..... UN1992 - Flammable Liquid, Toxic, NOS (Acetone, Methanol) - Class 3(6.1) - Packing Group II - Packing Instruction Y341 (1L); 352 (1L) or 364 (60L). Limited Quantity. Do not ship by air without checking appropriate IATA regulations.  
IMDG Classification (Marine)..... UN1992 - Flammable Liquid, Toxic, NOS (Acetone, Methanol) - Class 3(6.1) - Packing Group II - F-E,S-D. Limited Quantity. Check IMDG regulations for limited quantity exemptions.  
Marine Pollutant..... Potential marine pollutant.  
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. .

**SECTION 15: REGULATORY INFORMATION**

CEPA status..... On Domestic Substances List (DSL).  
TSCA inventory status..... All components are listed.  
OSHA..... This product is considered hazardous under the OSHA Hazard Communication Standard.  
SARA Title III  
Section 302 - extremely hazardous ..... None.  
substances  
Section 311/312 - hazard categories..... Immediate health, delayed health, fire hazard.  
Section 313..... Methanol. Toluene.  
EPA hazardous air pollutants (HAPS) ..... Methanol. Toluene.  
40CFR63  
California Proposition 65..... \*\*\* ! WARNING: This product can expose you to chemicals including [see below], which are known to the State of California to cause birth defects or other reproductive harm. (Methanol). (Toluene). For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**SECTION 16: OTHER INFORMATION**

Prepared by: ..... REGULATORY AFFAIRS. Trivalent Data Systems Ltd. [www.trivalent.com](http://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 .. 2019-06-07