



NuPol
Product Information Pack

Available from Frasers Aerospace

1 St James Rd, Brentwood, Essex, CM14 4LH

www.frasersaerospace.com





Product Name: NuPol

Part Number:

- 1 US Gallon – N009
- 5 US Gallon – N0022

Manufacturer: Nuvite

Approvals:

- Boeing D6-17487
- AMS 1650
- AMS 1530
- AMS 1531
- AMS 1532
- Douglas CSD #1

HS Commodity Code: 340290503

Product Description.

Nuvite's NuPol is the heavy-duty 'Drywash' cleaner and finish restorer for those really tough situations, such as baked-on carbon exhaust trails, surface staining, dull, dirt-catching and/or oxidised paint – anywhere in need of some serious cleaning muscle!

NuPol is easy to use – just wipe or mop on with spun cotton scrub pad, agitate to a thin layer and let it dry! When you wipe off the dry haze you will see a clean, shiny and U/V protected painted surface! No water, power tools to set up or mess – you can use it anywhere, including in hangars and on

ramps. Nuvite's NuPol can beat the toughest paint appearance problems, and when used with other Nuvite paint care products, gives you the easiest and best paint care system at the same time!

Core Benefits.

- Heavy-duty 'drywash' cleaning
- Restores shine and colour on oxidized paint on all vehicles
- Easy "wipe on, let dry, wipe off" application procedure.
- Safe to all paints (not for clear-coats)
- Restores a beautiful gloss appearance with an effective UV protectant coating on both painted and metal surfaces
- Easy application in all climates
- Preserves and protects the substrate from further oxidation and intensifies colour on oxidised paint surfaces
- Offers superior cleaning results and protection with fewer man-hours

Directions for use.

For Normal or Lightly Soiled Surface Conditions:

Apply NuPol "as is" by hand with a soft wiping cloth, applicator pad/mop or working quickly and lightly with slow speed orbital buffer to small areas at a time. Agitate area evenly with wet material. Allow to fully dry (usually no more than 5-10 minutes even in the highest humidity conditions). Remove by polishing off with clean mop head or dry wiping cloth to reveal shine.

For Heavily Soiled Surface Conditions:

For the heavy grease, oil, and hydraulic oil build-ups, it is sometimes helpful that the area be wiped down or degreased with Nuvite CitriCut or SS-93 degreasing cleaners prior to the use of NuPol to allow the product to work without serious contamination, then proceed as above.

Safety & storage.

Full guidance on the handling and disposal of this product is provided in a separate Safety Data Sheet (SDS). Only for professional users/specialists. Store in original closed containers away from extremes of temperature.

SAFETY DATA SHEET: NU-POL

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

1.1 APPLICABLE PART #: PC22051GL, PC22051QT, PC22055GL, PC220555GL, PC2205S, PC2205S2.

1.2 IDENTITY: NU-POL

1.3 INTENDED USE: CLEANER / POLISH

1.4 SUPPLIER: Universal Photonics, Inc.
85 Jetson Lane
Central Islip, NY 11722

FOR INFORMATION CALL

CUSTOMER SERVICE: (516) 935-4000

DATE PREPARED: February 13, 2019

1.5 EMERGENCY CONTACT:

Verisk 3E™ - ACCT # 3665

Access Code: 333748

EMERGENCY TELEPHONE NUMBER:

Domestic: 1-866-519-4752

International: +1-760-602-8700

SECTION 2: HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF SUBSTANCE: RESPIRATORY STOT RE1: H372; MUTAGENIC 1B: H340; CARCINOGEN 1A: H350;
RESPIRATORY STOT SE3: H335; ASPIRATION TOXICITY 1: H304;
SKIN IRRITATION 2: H315; EYE IRRITATION 2: H319; AQUATIC CHRONIC 3: H412

2.2 GHS LABEL ELEMENTS:



HAZARD PICTOGRAMS:

HAZARD SYMBOLS:

GHS08 / GHS07 / GHS09

SIGNAL WORD:

DANGER.

HAZARD STATEMENTS:

H304: May be fatal if swallowed and enters airways.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H335: May cause respiratory irritation.

H340: May cause genetic defects.

H350: May cause cancer.

H372: Causes damage to organs through prolonged or repeated exposure.

H412: Harmful to aquatic life with long lasting effects.

PREVENTION PRECAUTIONARY STATEMENTS:

P261: Avoid breathing dust/fumes/mist/vapors/spray.

P262: Do not get in eyes, on skin, or on clothing.

P264: Wash hands thoroughly after handling.

P280: Wear protective gloves/protective clothing/eye protection.

Wear protective gloves. Wear eye protection to include splash goggles.

Wear protective clothing. Use with ventilation. Wash hands after handling.



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RESPONSE PRECAUTIONARY:
STATEMENTS:

P302 + P352: IF ON SKIN: Wash with plenty of water.

P305 + P351 + P338 + P315: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Get immediate medical advice/attention.

P304 + P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P301 + P331 + P315: IF SWALLOWED: DO NOT induce vomiting. Get immediate medical advice/attention.

In the event of skin, eye, respiratory contact or ingestion, seek medical attention immediately.

STORAGE PRECAUTIONARY
STATEMENTS:

P404: Store in a closed container.

DISPOSAL PRECAUTIONARY
STATEMENT:

P501: Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 HAZARDS NOT OTHERWISE
CLASSIFIED:

None known.

2.4 UNKNOWN ACUTE TOXICITY:

None known.

SECTION 3: COMPOSITION INFORMATION ON INGREDIENTS

3.1 INGREDIENTS:

| COMPONENTS | IDENTIFIER | CLASSIFICATION | WEIGHT % |
|---|--|---|----------|
| STODDARD SOLVENT | (CAS #) 8052-41-3 (EC #) 232-489-3 | ASPIRATION TOXICITY 1: H304, FLAMMABLE LIQUID 2: H226, SKIN IRRITATION 2: H315, EYE IRRITATION 1: H319, INHALATION (CNS) STOT RE 1: H372 AQUATIC CHRONIC 2: H411 | 30 - 40 |
| CRISTOBALITE (SiO ₂) QUARTZ** | (CAS #) 14464-46-1 (EC #) 238-455-4 | RESPIRATORY STOT RE 1: H372; CARCINOGEN 1A: H350. | 7 |
| KAOLIN | (CAS #) 1332-58-7 (EC #) 310-194-1 | SKIN IRRITATION 2: H315; EYE IRRITATION 2: H319; STOT RE 1 (LUNG): H372 | 3 |
| TRADE SECRET INFORMATION* | N/A | PROPRIETARY | >50 |

NOTE: *Non-regulated components are proprietary, confidential, and trade secret.

** Note: Silica (SiO₂) dust is minimized through the viscous embodiment of the product.



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SECTION 4: FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES:

| | |
|-------------|--|
| SKIN: | Remove soiled clothing and flush with soap and water. |
| EYES: | Flush with water for 20 minutes and remove contact lenses if safe to do. Immediately seek medical attention. |
| INHALATION: | Administer fresh air or oxygen. |
| INGESTION: | DO NOT induce vomiting. Immediately seek medical attention. If vomiting does occur, keep head low so that vomit does not enter the lungs. Maintain an open airway. |

4.2 MOST IMPORTANT SYMPTOMS / EFFECTS, ACUTE AND DELAYED:

| | |
|---------------|---|
| SKIN CONTACT: | Will cause dryness, irritation and defatting upon prolonged contact. |
| EYE CONTACT: | Will cause serious eye irritation upon direct contact. |
| INHALATION: | Breathing high concentrations of sprayed mists will irritate nose and throat. |
| INGESTION: | Will cause serious gastric disturbances. |
| ENVIRONMENT: | None known. |
| CHRONIC: | None known. |

4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED, IF NECESSARY:

Immediately contact physician for further medical advice.

SECTION 5: FIREFIGHTING MEASURES

5.1 EXTINGUISHING MEDIA:

| | |
|---------------------------------|--|
| SUITABLE EXTINGUISHING MEDIA: | Water spray, alcohol resistant foam, dry chemical, CO ₂ . |
| UNSUITABLE EXTINGUISHING MEDIA: | None. |

5.2 SPECIFIC HAZARDS ARISING FROM THE MIXTURE:

| | |
|--------------------------------|---------------------------------------|
| FIRE HAZARD: | None. |
| EXPLOSION HAZARD: | None. |
| REACTIVITY: | None. |
| EXPOSURE HAZARDS: | Oxides of carbon, oxides of nitrogen. |
| UNUSUAL FIRE/EXPLOSION HAZARD: | None known. |

5.3 SPECIAL PROTECTIVE EQUIPMENT: Wear full protective safety equipment as standard practice. In the event of fire, wear self-contained breathing apparatus.



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SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

NON-EMERGENCY PERSONNEL: Wear appropriate personal protective equipment (PPE). Avoid contact with skin and eyes. Do not walk through spilled material. Provide ventilation with sufficient face velocity to maintain PEL below standard. Supplement with appropriate organic vapor & dust respirator when ventilation is inadequate.

EMERGENCY RESPONDERS: Take note of any special instructions in Section 8.

6.2 ENVIRONMENTAL PRECAUTIONS: Do not introduce material directly into natural waterways such as rivers, lakes, streams, etc. or drains and sewers.

6.3 METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN-UP:

SMALL SPILL: Stop leak if safe to do so. Use inert absorbent material and dispose in proper chemical waste container or to approved waste treatment areas.

LARGE SPILL: Stop leak if safe to do so. Approach release from upwind. Prevent entry into sewers or natural waterways. Contain and collect with inert absorbent material and place in container for disposal according to local regulations (See Section 13). Dispose via a licensed waste disposal contractor.

6.4 REFERENCE TO OTHER SECTIONS: See Section 8, Exposure Controls and Personal Protection.

SECTION 7: HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING: Minimize exposure to vapors or dusts. Use recognized standard safety practices to include adequate ventilation. Handle with care to avoid contact. Wash with soap & water after handling. Use recognized standard safety practices. Provide sufficient air exchange and exhaust in work areas. Eyewash station should be in close proximity to work

7.2 CONDITIONS FOR SAFE STORAGE: When not in use, keep closure on container tightly closed. Store indoors. Keep away from heat and freezing conditions.



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SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1 CONTROL PARAMETERS:

OCCUPATIONAL EXPOSURE LIMITS: **FOR INGREDIENTS:**

| COMPONENTS | COMPONENT IDENTIFIERS | WORKPLACE EXPOSURE LIMIT (WEL) | | | | SUPPLEMENTAL EXPOSURE LIMIT VALUES | BASIS |
|---|--|--------------------------------|-------|------|-------|--|-----------------------|
| | | LTEL | | STEL | | | |
| | | PPM | MG/M3 | PPM | MG/M3 | | |
| STODDARD SOLVENT | (CAS #) 8052-41-3 (EC #) 232-489-3 | ---- | ---- | ---- | ---- | 500 PPM TWA 100 PPM TWA | OSHA ACGIH |
| CRISTOBALITE (SiO ₂) QUARTZ | (CAS #) 14464-46-1 (EC #) 238-455-4 | ---- | ---- | ---- | ---- | 25 µg/m ³ RESPIRABLE TWA 0.025 mg/m ³ RESPIRABLE TWA | OSHA ACGIH |
| KAOLIN | (CAS #)1332-58-7 (EC #)310-194-1 | ---- | ---- | ---- | ---- | 5 mg/m ³ RESPIRABLE PEL 15 mg/m ³ TOTAL DUST PEL 2 mg/m ³ TWA TLV | OSHA OSHA ACGIH |

8.2 EXPOSURE CONTROLS:

CONTROL PARAMETERS:

General ventilation with adequate face velocity to control worker exposure to airborne contaminants below PEL. Supplement with NIOSH approved organic vapor cartridge respirator. Insure that emergency eyewash stations are in the immediate vicinity of any potential exposure.

ENGINEERING CONTROLS:

If user operations generate dust, fumes, vapor or mist, use process enclosures, local exhaust or other engineering controls to keep worker exposure below any recommended or statutory limits.

PERSONAL PROTECTIVE CONTROLS:

HYGIENE MEASURES:

Wash hands, forearms and face thoroughly after handling product. Remove contaminated clothing and wash before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

SKIN PROTECTION:

Chemical-resistant, impervious gloves are recommended if exposure is prolonged—neoprene type. Inspect gloves on a routine basis for retention of properties. Personal protective clothing for the body should be selected based upon the task being performed.

EYES:

Avoid eye contact. Protective safety eyewear goggles are recommended to avoid exposure to liquid splashes, mists, and dusts or when working on overhead structures if direct contact is evident. Face shield is also recommended if splashing is evident.

RESPIRATORY:

Should vapors exceed permissible exposure limit (PEL), wear NIOSH-approved dust and organic vapor respirator.

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8.3 PERSONAL PROTECTIVE EQUIPMENT (PPE):



SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---------------------------|--|
| PHYSICAL STATE | Liquid, viscous |
| COLOR | White. |
| ODOR: | Solvent. |
| ODOR THRESHOLD | Not determined |
| PH | 10.8 – 11.5 @ 25°C. |
| SOLUBILITY: | Dispersible |
| FLASH POINT: | 62 °C / 142°F |
| LOWER FLAMMABLE LIMIT | None |
| UPPER FLAMMABLE LIMIT | None |
| AUTOIGNITION TEMPERATURE | Not applicable |
| DECOMPOSITION TEMPERATURE | Not applicable |
| FLAMMABILITY: | Not applicable |
| SPECIFIC GRAVITY: | 0.95 at 25°C |
| BOILING POINT (°F): | 212 °F |
| VAPOR PRESSURE: | 18 at 20°C |
| VAPOR DENSITY: | Greater than 1 (Air = 1) |
| MELTING POINT (°F): | Not applicable |
| FREEZING POINT | Not applicable |
| EVAPORATION RATE: | Less than 1 (Butyl Acetate = 1) |



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VISCOSITY: Not applicable

PARTITION COEFFICIENT
N-OCTANOL / WATER: Not Determined

SECTION 10: STABILITY AND REACTIVITY

10.1 REACTIVITY: None.

10.2 CHEMICAL STABILITY: Stable.

10.3 HAZARDOUS REACTIONS: None.

HAZARDOUS POLYMERIZATION: None.

10.4 CONDITIONS TO AVOID: None.

10.5 INCOMPATIBLE MATERIALS: Strong acid, alkali, oxidizing agents, bases.

10.6 HAZARDOUS DECOMPOSITION
OF PRODUCTS: Oxides of carbon.

SECTION 11: TOXICOLOGICAL INFORMATION

NOTE: Primary route of entry is through skin, with secondary route through inhalation.

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS: FOR INGREDIENTS

| STODDARD SOLVENT (CAS #) 8052-41-3 | |
|------------------------------------|--------------------|
| LD50 Oral Rat | > 5,000 mg/kg |
| LD50 Dermal Rabbit | > 3,000 mg/kg |
| LC50 Inhalation Rat | > 13.1 mg/L, 4 hr. |

| CRISTOBALITE (SiO ₂) QUARTZ (CAS #) 14464-46-1 | |
|--|----------------|
| LD50 Oral Rat | > 22,500 mg/kg |
| LD50 Dermal Rabbit | NO DATA |
| LC50 Inhalation Rat | NO DATA |

| KAOLIN (CAS #) 1332-58-7 | |
|--------------------------|------------------|
| LD50 Oral Rat | > 5,000 mg/kg |
| LD50 Dermal Rabbit | > 5,000 mg/kg |
| LC50 Inhalation Rat | > 46 mg/L, 1 HR. |

ACUTE TOXICITY: FOR PRODUCT

LD50: Not determined.

SKIN: Not determined.

INHALATION: Not determined.

INGESTION: Not determined.



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11.2 POTENTIAL ACUTE HEALTH EFFECTS:

| | |
|--------------|--|
| SKIN: | Irritation and drying during prolonged contact. |
| EYES: | Will cause eye abrasion, irritation, and possible cornea damage upon direct contact. |
| RESPIRATORY: | Will irritate nose and throat when breathing high concentrations. |
| INGESTION: | Will cause serious gastric disturbances. |

SYMPTOMS AFTER CONTACT:

| | |
|--------------|---|
| SKIN: | Irritation, dryness, redness. |
| EYES: | Pain, watering, burning. |
| RESPIRATORY: | Irritation, asthmatic systems, dizziness. |
| INGESTION: | Stomach pain, gastric disturbances. |

11.2 CHRONIC HEALTH EFFECTS:

Short and Long Term Exposure - Repeated Dose Toxicity:

Silicosis: Excessive inhalation of respirable crystalline silica dust may cause a progressive, disabling and sometimes fatal lung disease called silicosis. Symptoms include cough, shortness of breath, wheezing, non-specific chest illness and reduced pulmonary function. Acute silicosis causes decreased lung function and can result in heart disease secondary to the lung disease or heart failure. Death from acute silicosis can occur within months to a few years of disease onset. This disease is exacerbated by smoking. Individuals with silicosis are predisposed to develop mycobacterial infections (tuberculosis and non-tuberculosis) and fungal infections. Inhalation of air with a very high concentration of respirable silica dust can cause the most serious forms of silicosis in a matter of months, or a few years. Accelerated silicosis results from exposure to high levels of airborne respirable carcinogenic crystalline silica and usually occurs within 2 – 10 years of initial exposure. Some epidemiologic studies have concluded that there is significant risk of developing silicosis even at airborne exposure levels that are equal to the recommended NIOSH REL, and ACGIH TLV.

11.3 CARCINOGENICITY:

Carcinogenicity: The International Agency for Research on Cancer (IARC) has determined that crystalline silica is carcinogenic to humans (Group 1-carcinogenic to humans). Refer to IARC Monograph 100C, A Review of Human Carcinogens: Arsenic, Metals, Fibres, and Dusts (published in 2012) in conjunction with the use of these materials. The National Toxicology Program classifies respirable crystalline silica as "known to be a human carcinogen". Refer to the NTP 12th Report on Carcinogens (2011). The American Conference of Governmental Industrial Hygienists (ACGIH) classifies crystalline silica quartz, as a suspected human carcinogen (A2).

| | |
|-------|---|
| NTP: | Crystalline silica component is present at levels greater than or equal to 0.1% is identified as a known to be a human carcinogen by NTP. |
| IARC: | Crystalline silica component is present at levels greater than or equal to 0.1% is identified as a Group 1 carcinogen by IARC. |
| OSHA: | NTP classification as known carcinogen meets definition of OSHA Table C-1 classification criteria. |



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SECTION 12: ECOLOGICAL INFORMATION

12.1 TOXICITY: INFORMATION FOR INGREDIENTS:

| STODDARD SOLVENT (CAS #) 8052-41-3 | |
|------------------------------------|------------------|
| LC50 Fish, Pimephales promelas | 0.72 mg/L, 96 hr |
| EC50 Daphnia magna | 0.36 mg/L, 48 hr |

| CRISTOBALITE (SiO ₂) QUARTZ (CAS #) 14464-46-1 | |
|--|---------|
| LC50 Fish, Pimephales promelas | NO DATA |
| EC50 Daphnia magna | NO DATA |

| KAOLIN (CAS #) 1332-58-7 | |
|------------------------------|--------------------|
| LC50 Oncorhynchus mykiss | 100 mg/l, 96 hr. |
| LC50 Daphnia magna | 1,100 mg/l, 48 hr. |
| LC50 Scenedesmus subspicatus | 1,100 mg/l, 72 hr. |

12.2 PERSISTENCE AND DEGRADABILITY: **Not determined.**

12.3 BIOACCUMULATIVE POTENTIAL: **Not determined.**

12.4 MOBILITY IN SOIL: **Not determined.**

12.5 RESULTS OF PBT and vPvB ASSESSMENT **Not determined.**

12.6 OTHER ADVERSE EFFECTS: **No known or other significant effects or critical hazards.**

SECTION 13: DISPOSAL INFORMATION

13.1 WASTE TREATMENT METHODS: **For small spills, contain all residues with inert absorbent material and dispose in chemical recycle container. For large spills, stop leak if safe to do so. Approach release from upwind. Dyke or dam area and vacuum all wet areas for recycle by a licensed waste disposal contractor. Avoid contact with soil, waterways, drains, and sewers unless such drains and sewers are fully compliant with the requirements of all authorities for disposal. Consult all federal, state, and local regulatory authorities for proper disposal.**



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SECTION 14: TRANSPORTATION INFORMATION

| REGULATORY INFORMATION | UN NUMBER | PROPER SHIPPING NAME | CLASSES | PACKING GROUP | LABEL | ADDITIONAL INFORMATION |
|--------------------------|----------------|----------------------|----------------|----------------|-------|------------------------|
| DOT CLASSIFICATION | NOT APPLICABLE | NOT APPLICABLE | NOT APPLICABLE | NOT APPLICABLE | NONE | NONE |
| TDG CLASSIFICATION | NOT APPLICABLE | NOT APPLICABLE | NOT APPLICABLE | NOT APPLICABLE | NONE | NONE |
| ADR/RID CLASSIFICATION | NOT APPLICABLE | NOT APPLICABLE | NOT APPLICABLE | NOT APPLICABLE | NONE | NONE |
| IMDG CLASSIFICATION | NOT APPLICABLE | NOT APPLICABLE | NOT APPLICABLE | NOT APPLICABLE | NONE | NONE |
| IATA/IACO CLASSIFICATION | NOT APPLICABLE | NOT APPLICABLE | NOT APPLICABLE | NOT APPLICABLE | NONE | NONE |

SECTION 15: REGULATORY INFORMATION

15.1 U.S. FEDERAL REGULATIONS:

OSHA HAZARD COMMUNICATION STANDARD:

Non-regulated.

TSCA:

All ingredients are listed on the TSCA inventory.

SARA (302/304):

Non-regulated, no reportable or EHS quantities.

SARA (311/312):

Acute health hazard. Chronic health hazard.

SARA TITLE III (313):

This product contains the following chemicals subject to the reporting requirements of Section 313: None

OTHER REGULATORY STANDARDS:

Non-regulated per 29 CFR 1900.1000 - 1500, 40 CFR PART 261.3, 302.4, 355, 370, 372.

15.2 STATE REGULATIONS:

CALIFORNIA PROPOSITION 65: This product contains the following chemicals known by the state of California to cause cancer, birth defects, or any other reproductive harm: **CRISTOBALITE (SiO₂) QUARTZ (14464-46-1).**

15.3 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS / LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE:

U.S. OSHA 29CFR 1910.1000 - 1500

REGULATION (EC) 1907/2006 – REACH (ANNEX X1V)

EC REGULATIONS 1272/2008 – CLP

EH40 / 2005 – WORKPLACE EXPOSURE LIMITS (WHERE APPLICABLE)

CONTROL OF SUBSTANCE HAZARDOUS TO HEALTH – COSHH

DANGEROUS SUBSTANCES AND EXPLOSIVE ATMOSPHERE REGULATIONS – DSEAR

SAFETY DATA SHEET: NU-POL

REGULATION (EC) – REACH ANNEX (XIV) ARTICLE 59(10) AUTHORIZATIONS AND / OR RESTRICTIONS ON USE:
 Contains the following REACH (SVHC) Candidate Substances: NONE.

REGULATION (EC) 2015/863 – RoHS
 Contains the following RoHS Substances: NONE

NATIONAL REGULATIONS: Non-regulated per EINECS / ELINCS / DSL / NDSL / IECSC / ENS / ECL / PICCS.

SECTION 16: OTHER INFORMATION

HMIS RATING: Health 2, Flammability 2, Reactivity 0, Personal Protection H
 NFPA RATING: Health 2, Flammability 2, Reactivity 0



DEFINITIONS:

ACGIH: American Conference of Governmental Industrial Hygienists
 ADR/RID: International carriage of dangerous goods by road or rail
 CLP: Classification, Labeling and packaging
 DOT: Department of Transportation
 EC: Commission Regulation (European Union)
 GHS: Globally Harmonized System of Classification and Labeling of Chemicals
 HMIS: Hazardous Materials Identification System
 IARC: International Agency for Research on Cancer
 IATA/IACO: International Air Transport Association / International Civil Aviation Organization
 IMDG: International Maritime Dangerous Goods
 LTEL: Long Term Exposure Limit
 NTP: National Toxicology Program
 OSHA: Occupational Safety and Health Administration
 REACH: Registration, Evaluation, Authorization and Restriction (European Union)
 SARA: Superfund Amendments and Reauthorization Act
 STEL: Short Term Exposure Limit
 SVHC: Substances of Very High Concern (European Union)
 TDG: Transportation of dangerous goods -- Canada
 WEL: Workplace Exposure Limit

DISCLAIMER

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Attn: Clifford Lester
Nuvite Chemical Compounds Corp.
213 Freeman Street
Brooklyn, NY 11222

Date: 08-Jun-2006
SMI/REF: 0605-636

Product: **NU-POL** (received 16-May-2006)

Dilution: Ready to Use

Page 1 of 4

AMS 1530B
Cleaner for Aircraft Exterior Surfaces
Wipe-On, Wipe-Off

| | | |
|---------|-------------------------------|---------------|
| 3.2.1.1 | Sandwich Corrosion | Conforms |
| 3.2.1.2 | Total Immersion Corrosion | Conforms |
| 3.2.1.3 | Low-Embrittling Cadmium Plate | Conforms |
| 3.2.2 | Hydrogen Embrittlement | Conforms |
| 3.2.3 | Flash Point | Conforms |
| 3.2.4 | Effect on Plastics | Conforms |
| 3.2.5 | Effect on Painted Surfaces | Conforms |
| 3.2.6 | Effect on Unpainted Surfaces | Conforms |
| 3.2.7 | Abrasive Effects | Conforms |
| 3.2.8 | Storage Stability | Not performed |



Respectfully submitted,

Patricia D. Viani, SMI Inc

SMI, Inc.

12219 SW 131 Avenue
Miami, Florida 33186-6401 USA

Phone: (305) 971-7047
Fax: (305) 971-7048

Attn: Clifford Lester
Nuvite Chemical Compounds Corp.
213 Freeman Street
Brooklyn, NY 11222

Date: 08-Jun-2006

SMI/REF: 0605-636

Product: **NU-POL** (received 16-May-2006)

Dilution: Ready to Use

Page 1 of 4

AMS 1531C

Cleaner for Aircraft Exterior Surfaces

Wipe-On, Wipe-Off, Containing Suspended Abrasive Solids

Fraser's Aerospace Document 2006

| | | |
|---------|-------------------------------|---------------------|
| 3.2.1.1 | Sandwich Corrosion | Conforms |
| 3.2.1.2 | Total Immersion Corrosion | Conforms |
| 3.2.1.3 | Low-Embrittling Cadmium Plate | Conforms |
| 3.2.2 | Hydrogen Embrittlement | Conforms |
| 3.2.3 | Flash Point | Conforms |
| 3.2.4 | Effect on Plastics | Conforms |
| 3.2.5 | Effect on Painted Surfaces | Conforms |
| 3.2.6 | Effect on Unpainted Surfaces | Conforms |
| 3.2.7 | Abrasive Effects | Conforms |
| 3.2.8 | Storage Stability | Not performed |
| 3.2.9 | Performance | To be Cert. by Mfr. |
| 3.3 | Quality | Conforms |

Respectfully submitted,



Patricia D. Viani, SMI Inc.

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AMS 1532C

Cleaner for Aircraft Exterior Surfaces
Wipe-On, Wipe-Off Emulsion-Type

| | | |
|---------|-------------------------------|---------------|
| 3.2.1.1 | Sandwich Corrosion | Conforms |
| 3.2.1.2 | Total Immersion Corrosion | Conforms |
| 3.2.1.3 | Low-Embrittling Cadmium Plate | Conforms |
| 3.2.2 | Hydrogen Embrittlement | Conforms |
| 3.2.3 | Flash Point | Conforms |
| 3.2.4 | Effect on Plastics | Conforms |
| 3.2.5 | Effect on Painted Surfaces | Conforms |
| 3.2.6 | Effect on Unpainted Surfaces | Conforms |
| 3.2.7 | Abrasive Effects | Conforms |
| 3.2.8 | Storage Stability | Not performed |
| 3.2.9 | Emulsion Stability | Conforms |
| 3.2.10 | Performance | Not performed |

Respectfully submitted,



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Page 1 of 4

AMS 1650C
Polish, Aircraft Metal
Type 1: Liquid



3.2 Properties

| | | |
|-------|-------------------------------|-------------------------|
| 3.2.1 | Flash Point | <u>Conforms</u> |
| 3.2.2 | Viscosity (Type I only) | <u>Does not conform</u> |
| 3.2.3 | Corrosion of Metal Surfaces | |
| | Sandwich Corrosion | <u>Conforms</u> |
| | Total Immersion Corrosion | <u>Conforms</u> |
| 3.2.4 | Effect on Plastic | <u>Conforms</u> |
| 3.2.5 | Effect on Painted Surfaces | <u>Conforms</u> |
| 3.2.6 | Effect on Unpainted Surfaces | <u>Conforms</u> |
| 3.2.7 | Settling Number (Type I only) | <u>Conforms</u> |
| 3.2.8 | Low-Temperature Stability | <u>Conforms</u> |
| 3.2.9 | Abrasive Number | <u>Conforms</u> |

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Patricia D. Viani".

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Dilution: Ready to Use

Page 1 of 3

Douglas Aircraft Company Customer Service Document
CSD #1, Revised July 1997
Type V: Materials and Procedures for Polishing Aluminum Surfaces

| | | |
|--|---|----------|
| Residue |  | Conforms |
| Sandwich Corrosion | | Conforms |
| Stress Cracking Test on Acrylic Plastics | | Conforms |
| Immersion Corrosion, Aluminum | | Conforms |
| Hydrogen Embrittlement | | Conforms |

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Page 1 of 3

BOEING D6-17487 REVISION P
*Exterior and General Cleaners and Liquid Waxes,
Polishes and Polishing Compounds*



| | | |
|-----------------------------|-------|----------|
| Sandwich Corrosion Test | _____ | Conforms |
| Acrylic Crazing Test | _____ | Conforms |
| Paint Softening Test | _____ | Conforms |
| Hydrogen Embrittlement Test | _____ | Conforms |

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Patricia D. Viani".

Patricia D. Viani, SMI, Inc.

COPY

REPORT TO:

Nuvite Chemical Compounds Corporation
213 Freeman Street
Brooklyn, New York 11222

MATERIAL TESTED:

NUPOL

MATERIAL RECEIVED:

October 22, 1970

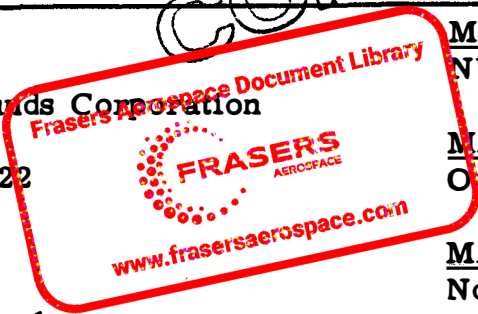
SPECIFICATION:

Douglas Aircraft CSD No. 1
for Material Classification Type I

MATERIAL REPORTED:

November 9, 1970

LABORATORY NO. 7-727



Solution Preparation: One (1) part of Nupol material was mixed with two (2) parts of deionized water and the resulting solution was used for all the tests.

| TEST | SPEC. PARA. | SPECIFICATION REQUIREMENTS | RESULTS | | | |
|----------------------------|-------------|---|--|---------|-----------|------|
| Effect on Painted Surfaces | G - 1 | The material shall not produce a decrease in film hardness greater than one pencil; that is, the number of the next softer pencil, or any discoloration or staining when tested in accordance with para. G-1. | <u>Pencil Hardness</u> | | | |
| | | | <table border="1"> <tr> <td>Treated</td> <td>Untreated</td> <td>Chan</td> </tr> <tr> <td>H</td> <td>H</td> <td>0</td> </tr> </table> | Treated | Untreated | Chan |
| Treated | Untreated | Chan | | | | |
| H | H | 0 | | | | |
| | | | No discoloration or staining was observed. | | | |
| CONFORMS | | | | | | |

Residue G - 2 Not conducted.

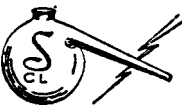
Sandwich Corrosion G - 3 The compound shall not cause corrosion of aluminum alloy fayin surfaces when tested under severe humidity and temperature conditions when tested in accordance with para. G-3.

RESULTS:

| Code | Alloy | Finish | Dilution | | Control Tap Water |
|------|-------------|----------|-----------|-----------------|-------------------|
| | | | Tap Water | Distilled Water | |
| 1 | QQ-A-250/4 | Alodined | 0 | 0 | 0 |
| 2 | QQ-A-250/4 | Anodized | 0 | 0 | 0 |
| 3 | QQ-A-250/5 | Alodined | 0 | 0 | 0 |
| 4 | QQ-A-250/5 | Anodized | 0 | 0 | 0 |
| 5 | QQ-A-250/13 | Alodined | 0 | 0 | 0 |
| 6 | QQ-A-250/13 | Anodized | 0 | 0 | 0 |

COMFORMS

COPY



COPY

Nuvite Chemical Compounds Corporation
213 Freeman Street
Brooklyn, New York 11222

November 9, 1970
Laboratory No. 7-727
Page two

| TEST | SPEC. PARA. | SPECIFICATION REQUIREMENTS | RESULTS |
|--------------------|-------------|---|---|
| Stress Crazing | G - 4 | The compound shall not cause crazing, cracking or other attack of acrylic-base plastics under stress, when tested in accordance with para. G-4. | No crazing, cracking or other attack occurred on the plastic specimen. CONFORMS |
| Cadmium Removal | G - 6 | The average weight loss of cadmium from cadmium plated steel specimens shall not exceed 10 mg when tested in accordance with para. G-6. | Weight Loss of test panels Average 1) -1.7 mg 2) -1.5 mg -1.6 mg 3) -1.6 mg CONFORMS |

Respectfully submitted,

SCIENTIFIC CONTROL LABORATORIES, INC.


By


S. P. Gary

SPG/bl
7 c

CERTIFICATION


The above statements and report were subscribed and sworn to before me this NINTH day of NOVEMBER, 1970.


Notary Public
COPY



CERTIFICATE NUMBER:

A 64

COPY 

THIS CERTIFICATION EXPIRES: May 7, 1970

LAWRENCE ELECTRONICS CO.

CERTIFICATION

This is to certify that NU Pol

Batch Number _____, produced by

Nuvite Chemical Compounds Corporation

has been tested and found to meet all Lawrence Electronics Company standards for:

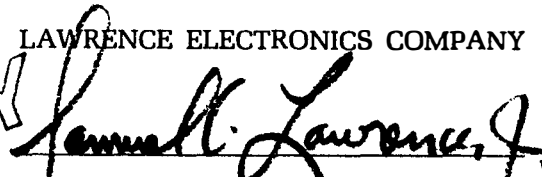
1. Low hydrogen effusion.
2. Low cadmium weight loss.
3. Optimum rinseability.

We therefore certify this product for the indicated use.

The above testing is protected by the following U.S. Patents:

3,241,056; 3,257,841; 3,258,683; 3,357,903 and 3,408,129. Others pending.

LAWRENCE ELECTRONICS COMPANY

COPY 
Samuel C. Lawrence, Jr. President