

## 202036 VINYL WASH PRIMER THINNER 1GP164

### SECTION 1. IDENTIFICATION

<b>Product Identifier</b>	202036 VINYL WASH PRIMER THINNER 1GP164
<b>Other Means of Identification</b>	PAINT RELATED MATERIAL
<b>Other Identification</b>	Solvent
<b>Product Family</b>	20-LINE
<b>Recommended Use</b>	Industrial use only.
<b>Restrictions on Use</b>	Not applicable.
<b>Manufacturer/Supplier Identifier</b>	Tempo Aerospace Inc., 205 Fenmar Drive , Toronto, Ontario, M9L 2X4, Tempo Aerospace, 416-746-2233
<b>Emergency Phone No.</b>	CANUTEC (24 Hours), (613) 996-6666 Tempo Aerospace Inc., (416) 746-2233, Aircraft and Automotive Finishes, Industrial Paints, Lacquers, Varnishes
<b>SDS No.</b>	1618

### SECTION 2. HAZARD IDENTIFICATION

Classified according to Canada's Hazardous Products Regulations (WHMIS 2015) and the US Hazard Communication Standard (HCS 2012).

#### Classification

Flammable liquid - Category 2; Acute toxicity (Oral) - Category 5; Acute toxicity (Dermal) - Category 5; Acute toxicity (Inhalation) - Category 4; Skin irritation - Category 2; Eye irritation - Category 2; Specific target organ toxicity (single exposure) - Category 2; Specific target organ toxicity (single exposure) - Category 3; Specific target organ toxicity (repeated exposure) - Category 2; Aspiration hazard - Category 2

#### Label Elements



Danger

Highly flammable liquid and vapour.

May be harmful if swallowed, in contact with skin or if inhaled.

May be harmful if swallowed and enters airways.

Causes mild skin irritation.

Causes serious eye irritation.

May cause respiratory irritation.

May cause drowsiness or dizziness.

Suspected of causing cancer.

Suspected of damaging the unborn child.

May cause damage to organs through prolonged or repeated exposure.

Do not handle until all safety precautions have been read and understood.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Keep container tightly closed.  
 Ground/bond container and receiving equipment.  
 Use non-sparking tools.  
 Take precautionary measures against static discharge.  
 Avoid breathing dust/fume/gas/mist/vapours/spray.  
 Wash hands and skin thoroughly after handling.  
 Use only outdoors or in a well-ventilated area.  
 Wear protective gloves/eye protection/face protection.  
 IF SWALLOWED: Immediately call a POISON CENTRE or doctor.  
 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.  
 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 IF exposed or concerned: Get medical advice or attention.  
 Dispose of contents and container in accordance with local, regional, national and international regulations.

**Other Hazards**

None known.

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Mixture:

Chemical Name	CAS No.	%	Other Identifiers	Other Names
2-Propanol	67-63-0	80-100		
1-Butanol	71-36-3	7-13		

**SECTION 4. FIRST-AID MEASURES**

**First-aid Measures**

**Inhalation**

Take precautions to prevent a fire (e.g. remove sources of ignition). Remove source of exposure or move to fresh air. Keep at rest in a position comfortable for breathing. Get medical advice or attention if you feel unwell or are concerned.

**Skin Contact**

Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Quickly and gently blot or brush away excess chemical. Rinse skin with water or shower. Get medical advice or attention if you feel unwell or are concerned. Thoroughly clean clothing, shoes and leather goods before reuse or dispose of safely.

**Eye Contact**

Quickly and gently blot or brush chemical off the face. Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. If eye irritation persists, get medical advice or attention.

**Ingestion**

Never give anything by mouth if person is rapidly losing consciousness, or is unconscious or convulsing. Do not induce vomiting. Get medical advice or attention if you feel unwell or are concerned.

**First-aid Comments**

If exposed or concerned, get medical advice or attention.

**Most Important Symptoms and Effects, Acute and Delayed**

Can irritate the nose and throat. Symptoms may include coughing, shortness of breath, difficult breathing and tightness in the chest. Can harm the nervous system. Symptoms may include headache, nausea, dizziness, drowsiness and confusion. Can harm the kidneys. Can harm the liver.

**Immediate Medical Attention and Special Treatment**

**Target Organs**

Eyes, kidneys, liver, nervous system, respiratory system, skin.

## Medical Conditions Aggravated by Exposure

None known.

## SECTION 5. FIRE-FIGHTING MEASURES

### Extinguishing Media

#### Suitable Extinguishing Media

Carbon dioxide, dry chemical powder, appropriate foam, water spray or fog.

#### Unsuitable Extinguishing Media

Water is not effective for extinguishing a fire. It may not cool product below its flash point.

### Specific Hazards Arising from the Product

Extremely flammable liquid and vapour. Can ignite at room temperature. Releases vapour that can form explosive mixture with air.

In a fire, the following hazardous materials may be generated: very toxic carbon monoxide, carbon dioxide; toxic, flammable aldehydes.

### Special Protective Equipment and Precautions for Fire-fighters

Evacuate area. Fight fire from a protected, explosion-resistant location or maximum distance possible. Approach fire from upwind to avoid hazardous vapours or gases.

Équipement de protection normal de pompier (Bunker Gear) ne peut pas fournir une protection adéquate. Vêtements résistants aux produits chimiques (p. ex. les costume de projection chimique) et appareil respiratoire autonome à pression positive (approuvé OSHA/NIOSH ou l'équivalent) peut être nécessaire.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment, and Emergency Procedures

Non-emergency personnel: get expert advice. Emergency responders: evacuate the area immediately. Isolate the hazard area. Keep out unnecessary and unprotected personnel. Evacuate downwind locations. Eliminate all ignition sources if safe to do so. Remove or isolate incompatible materials as well as other hazardous materials.

### Environmental Precautions

Do not allow into any sewer, on the ground or into any waterway. If the spill is inside a building, prevent product from entering drains, ventilation systems and confined areas. Minimize the use of water to prevent environmental contamination.

### Methods and Materials for Containment and Cleaning Up

Small spills or leaks: stop or reduce leak if safe to do so. Do not use absorbents. Contain spill using noncombustible material such as vermiculite, earth or sand. Contaminated absorbent poses the same hazard as the spilled product. Large spills or leaks: dike spilled product to prevent runoff. Remove or recover liquid using pumps or vacuum equipment. Flush spill area.

### Other Information

Report spills to local health, safety and environmental authorities, as required.

## SECTION 7. HANDLING AND STORAGE

### Precautions for Safe Handling

Avoid breathing in this product. Avoid repeated or prolonged skin contact. Do not get in eyes, on skin or on clothing. Avoid exposure during pregnancy and while nursing. Only use where there is adequate ventilation. Avoid release to the environment. Immediately report leaks, spills or failures of the safety equipment (e.g. ventilation system).

### Conditions for Safe Storage

Store in an area that is: cool, dry, ventilated, out of direct sunlight and away from heat and ignition sources, separate from incompatible materials (see Section 10: Stability and Reactivity), clear of combustible and flammable materials (e.g. old rags, cardboard).

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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## Control Parameters

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
2-Propanol	200 ppm A4	400 ppm	400 ppm			
1-Butanol	20 ppm		100 ppm			

### Appropriate Engineering Controls

Do not allow product to accumulate in the air in work or storage areas, or in confined spaces. Use local exhaust ventilation and enclosure, if necessary, to control amount in the air. Exhaust directly to the outside, taking any necessary precautions for environmental protection. Use non-sparking ventilation systems, approved explosion-proof equipment and intrinsically safe electrical systems in areas where this product is used and stored. Control static electricity discharges which includes bonding of equipment to ground. Provide eyewash and safety shower if contact or splash hazard exists.

### Individual Protection Measures

#### Eye/Face Protection

Wear chemical safety goggles.

#### Skin Protection

Wear chemical protective clothing e.g. gloves, aprons, boots.

#### Respiratory Protection

Concentrated product: wear a NIOSH approved powered air-purifying respirator with an appropriate cartridge.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

Appearance	Clear colourless volatile liquid.
Odour	Sweet
Odour Threshold	Not available
pH	Not available
Melting Point/Freezing Point	Not available (melting); Not available (freezing)
Initial Boiling Point/Range	> 35 °C (95 °F)
Flash Point	~ 13 °C (55 °F) (closed cup)
Evaporation Rate	Not available
Flammability (solid, gas)	Not applicable
Upper/Lower Flammability or Explosive Limit	Not available (upper); Not available (lower)
Vapour Pressure	Not available
Vapour Density (air = 1)	Not available
Relative Density (water = 1)	~ 0.79
Solubility	Slightly soluble in water; Not available (in other liquids)
Partition Coefficient, n-Octanol/Water (Log Kow)	Not available
Auto-ignition Temperature	Not available
Decomposition Temperature	Not available
Viscosity	Not available (kinematic); Not available (dynamic)
Other Information	
Physical State	Liquid

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity

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Not reactive under normal conditions of use.

### Chemical Stability

Normally stable.

### Possibility of Hazardous Reactions

None expected under normal conditions of storage and use.

### Conditions to Avoid

Prolonged exposure to high temperatures. Open flames, sparks, static discharge, heat and other ignition sources. Contact with combustible materials. Prolonged exposure to air. Evaporation of solution. Prolonged storage.

### Incompatible Materials

Strong oxidizing agents (e.g. perchloric acid), strong acids (e.g. hydrochloric acid), metals (e.g. aluminum), halogens (e.g. chlorine).

Not corrosive to metals.

### Hazardous Decomposition Products

Very toxic, flammable aldehydes; very toxic carbon monoxide, carbon dioxide.

## SECTION 11. TOXICOLOGICAL INFORMATION

Information presented below is for the entire product, unless otherwise specified.

### Likely Routes of Exposure

Inhalation; skin contact; skin absorption; eye contact; ingestion.

### Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
2-Propanol	~ 17000 ppm (rat) (4-hour exposure) (vapour)	~ 4720 mg/kg (male rat) (vapour)	~ 12890 mg/kg (rabbit) (vapour)
1-Butanol	> 8000 ppm (rat) (4-hour exposure) (vapour)	~ 2510 mg/kg (rat) (vapour)	~ 4200 mg/kg (rabbit) (vapour)

### Skin Corrosion/Irritation

Human experience and animal tests show no or very mild irritation.

### Serious Eye Damage/Irritation

Animal tests show serious eye irritation.

### STOT (Specific Target Organ Toxicity) - Single Exposure

#### Inhalation

May be harmful based on animal tests.

#### Skin Absorption

May be harmful based on animal tests.

#### Ingestion

May be harmful based on animal tests.

### Aspiration Hazard

May be drawn into the lungs (aspirated) if swallowed or vomited.

### STOT (Specific Target Organ Toxicity) - Repeated Exposure

May cause harmful effects on the kidneys, harmful effects on the liver, effects on the central nervous system. Symptoms may include restlessness, reduced ability to think, muscle tremors, memory loss and personality changes. May cause dermatitis. Symptoms may include dry, red, cracked skin (dermatitis).

### Respiratory and/or Skin Sensitization

Not known to be a respiratory sensitizer. Not a skin sensitizer.

### Carcinogenicity

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Chemical Name	IARC	ACGIH®	NTP	OSHA
2-Propanol	Group 3	A4	Not Listed	
1-Butanol	Not evaluated	Not designated	Not Listed	

Conclusions cannot be drawn from the limited studies available.

Key to Abbreviations

IARC = International Agency for Research on Cancer. ACGIH® = American Conference of Governmental Industrial Hygienists.

#### Reproductive Toxicity

##### Development of Offspring

Conclusions cannot be drawn from the limited studies available.

##### Sexual Function and Fertility

Conclusions cannot be drawn from the limited studies available.

##### Effects on or via Lactation

Conclusions cannot be drawn from the limited studies available.

#### Germ Cell Mutagenicity

Conclusions cannot be drawn from the limited studies available.

#### Interactive Effects

No information was located.

## SECTION 12. ECOLOGICAL INFORMATION

#### Persistence and Degradability

No information was located.

#### Bioaccumulative Potential

No information was located.

#### Mobility in Soil

If released into the environment, this product can move rapidly through the soil.

#### Other Adverse Effects

This product contains volatile organic compounds.

## SECTION 13. DISPOSAL CONSIDERATIONS

#### Disposal Methods

Dispose of contents and container in accordance with local, regional, national and international regulations. Contact local environmental authorities for approved disposal or recycling methods in your jurisdiction.

## SECTION 14. TRANSPORT INFORMATION

Regulation	UN No.	Proper Shipping Name	Transport Hazard Class(es)	Packing Group
Canadian TDG	1263	PAINT RELATED MATERIAL	3	II

**Environmental Hazards** Not applicable

**Special Precautions** Not applicable

**Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable

**Emergency Response Guide No.** 129

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## Proof of Dangerous Goods Classification

**Date of Classification** August 09, 2018  
**Technical Name** PAINT RELATED MATERIAL  
**Classification** UN 1263, PAINT RELATED MATERIAL, CLASS 3, PG II  
**Classification Method** Lab Formulation Report

## SECTION 15. REGULATORY INFORMATION

### Safety, Health and Environmental Regulations

#### Canada

##### Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)

All ingredients are listed on the DSL or are not required to be listed.

#### USA

##### Toxic Substances Control Act (TSCA) Section 8(b)

All ingredients are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.

## SECTION 16. OTHER INFORMATION

**NFPA Rating** Health - 2 Flammability - 3 Instability - 0

**SDS Prepared By** Allcolour Paint Limited

**Phone No.** 19058274173

**Date of Preparation** November 14, 2018

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**Key to Abbreviations** ACGIH® = American Conference of Governmental Industrial Hygienists  
AIHA® = AIHA® Guideline Foundation HSDB® = Hazardous Substances Data Bank  
IARC = International Agency for Research on Cancer  
NFPA = National Fire Protection Association NIOSH = National Institute for Occupational Safety and Health  
NTP = National Toxicology Program  
OSHA = US Occupational Safety and Health Administration  
RTECS® = Registry of Toxic Effects of Chemical Substances

**References** CHEMINFO database. Canadian Centre for Occupational Health and Safety (CCOHS).  
HSDB® database. US National Library of Medicine. Available from Canadian Centre for Occupational Health and Safety (CCOHS). NIOSH Pocket Guide database. National Institute for Occupational Safety and Health. Available from Canadian Centre for Occupational Health and Safety (CCOHS). Registry of Toxic Effects of Chemical Substances (RTECS®) database. Dassault Systèmes/BIOVIA ("BIOVIA"). Available from Canadian Centre for Occupational Health and Safety (CCOHS).

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