

**G'Wax**

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

**SECTION 1 - IDENTIFICATION**

**1.1 Product Identifier**

Product Name : G'Wax  
 Manufacturer Product Number : 224-B

**1.2 Other Means of Identification**

Other Identifiers : Not Available

**1.3 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against**

Recommended Use : Guitar polish  
 Restrictions on Use : None Identified

**1.4 Supplier Details**

	Manufacturer Details	Supplier Details
Company Name	Chem-Pak Inc	Chem-Pak Inc
Address	242 Corning Way, Martinsburg, WV 25405 - United States	242 Corning Way, Martinsburg, WV 25405 - United States
Phone Number	304-262-1880	304-262-1880
Fax Number	304-262-9643	304-262-9643
Email	msds@chem-pak.com	msds@chem-pak.com
Website	http://www.chem-pak.com	http://www.chem-pak.com

**1.5 24 hr Emergency Phone Number**

Emergency Number : 800-255-3924  
 Chem-Tel

**SECTION 2 - HAZARDS IDENTIFICATION**

**2.1 Classification of the Substance or Mixture**

Press. Gas (Diss.) H280 Physical Hazards Gases under pressure Dissolved gas  
 Asp. Tox. 1 H304 Health Hazards Aspiration hazard Category 1

**2.2 Label Elements**

Hazard Pictograms



Signal Word

**Danger**

Hazard Statements

H280 : Contains gas under pressure; may explode if heated  
 H304 : May be fatal if swallowed and enters airways

Precautionary Statements

P301+P310 : If swallowed: Immediately call POISON CENTER  
 P331 : Do NOT induce vomiting.  
 P405 : Store locked up.  
 P410+P403 : Protect from sunlight. Store in a well-ventilated place.  
 P501 : Dispose of contents/container to applicable regulations

**2.3 Other Hazards Which Do Not Result In Classification**

Hazards Not Otherwise Classified : None Identified.



# SAFETY DATA SHEET

Part No. 224-B (Aerosol)

Print Date: 22/10/2018  
Revision Date: 10/22/2018  
Supersedes Date: 1/24/2014  
Issue Date: 9/9/2003  
Version: 5.0 (EN)-US  
Page: 2/8

G'Wax

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

## 2.4 Unknown acute toxicity

11.1% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral)  
24.15% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)  
16.16% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Vapours))

## SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

### 3.1 Substance / Mixture

Substance / Mixture : Mixture

### 3.2 Composition

Substance name	CAS Number	% wt*	Classification
Stoddard Solvent	8052-41-3	10 - 30	Flam. Liq. 3, H226 Asp. Tox. 1, H304
Propane	74-98-6	1 - 5	Flam. Gas 1, H220 Press. Gas (Diss.), H280
N-Butane	106-97-8	1 - 5	Flam. Gas 1, H220 Press. Gas (Diss.), H280
Isobutane	75-28-5	1 - 5	Flam. Gas 1, H220 Press. Gas (Diss.), H280

Full text of hazard classes and H-statements : see section 16

\*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

## SECTION 4 - FIRST-AID MEASURES

### 4.1 Description of First-Aid Measures

**General Measures** : Call a physician immediately.  
**Inhalation** : Remove person to fresh air and keep comfortable for breathing.  
**Skin Contact** : Wash skin with plenty of water.  
**Eye Contact** : Rinse eyes with water as a precaution.  
**Ingestion** : Do NOT induce vomiting. Call a physician immediately.  
**First-Aid Responder Protection** : Wear adequate personal protective equipment based on the nature and severity of the emergency.

### 4.2 Most Important Symptoms and Effects, Both Acute and Delayed

**Symptoms of Exposure** : Eye Irritation, Dermatitis, Central Nervous System Depression, Confusion, Respiratory Irritation, Skin Irritation, Headache, Dizziness, Nausea, Incoordination, Narcosis, Drowsiness.  
**Delayed Effects** : No known delayed effects.  
**Immediate Effects** : No known immediate effects.  
**Chronic Effects** : No known chronic effects.  
**Target Organs** : Central Nervous System, Eyes, Respiratory System, Skin.

### 4.3 Indication of Immediate Medical Attention and Special Treatment

**Notes to Physician** : Treat symptomatically.  
**Specific Treatments/Antidotes** : No Information Available.  
**Medical Conditions Aggravated** : May aggravate personnel with pre-existing disorders associated with any of the Target Organs.

## SECTION 5 - FIRE-FIGHTING MEASURES

### 5.1 Suitable Extinguishing Media

**Extinguishing Media** : Water, carbon dioxide, dry chemical, universal aqueous film forming foam.  
**Unsuitable Media** : Water jet.

### 5.2 Specific Hazards Arising from the Chemical or Mixture

**Hazardous Combustion Products** : Decomposition products may include: oxides of carbon, smoke, vapors. See also Section 10.6.



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Version: 5.0 (EN)-US  
Page: 3/8

G'Wax

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

**Specific Hazards During Firefighting** : Contents under pressure. In a fire or if heated, a pressure increase will occur which may result in container bursting.

## 5.3 Special Protective Actions for Fire-Fighters

**Firefighting Instructions** : Product is non-flammable. Use extinguishing media suitable for surrounding materials.  
**Protection during Firefighting** : Firemen should wear self-contained breathing apparatus with full face-piece operated in positive pressure mode.

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

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

**For Non-Emergency Personnel** : No action should be taken involving any personnel without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spill.  
**For Emergency Personnel** : Use personal protection as recommended in Section 8. Observe precautions provided for non-emergency personnel above.

### 6.2 Environmental Precautions

**Environmental Precautions** : Keep out of drains, sewers, ditches, and waterways. Minimize use of water to prevent environmental contamination.

### 6.3 Methods and Materials for Containment and Cleaning up

**Containment Procedures** : Product is an aerosol, therefore spills and leaks are unlikely. In case of rupture, released content may be contained with oil/solvent absorbent pads, socks, and/or absorbents.  
**Cleanup Procedures** : Spills from aerosol cans are unlikely and are generally of small volume. Large spills are therefore not normally considered a problem. In case of actual rupture, avoid breathing vapors and ventilate area well. Remove sources of ignition and use non-sparking equipment. Soak up material with inert absorbent and place in safety containers for proper disposal.  
**Other Information** : Aerosol products represent a limited hazard and will not spill or leak unless ruptured. In case of rupture contents are generally evacuated from the can rapidly. Area should be ventilated immediately and continuous ventilation provided until all fumes and vapors have been removed. Aerosol cans should never be incinerated or burned.  
**Prohibited Materials** : Combustible absorbent material such as sawdust. Use of equipment that may cause sparking.

## SECTION 7 - HANDLING AND STORAGE

### 7.1 Precautions for Safe Handling

**General Handling Precautions** : KEEP OUT OF THE REACH OF CHILDREN. Avoid prolonged or repeated skin contact. Avoid breathing of vapors. Do not incinerate (burn) containers. Always replace overcap when not in use. Avoid use around open flames or other sources of ignition. Exposure to heat or prolonged exposure to sun may cause can to burst. Use only with adequate ventilation, opening doors or windows to achieve cross-ventilation.  
**Hygiene Recommendations** : Do not eat, drink or smoke when using this product. Wash hands thoroughly after use. Remove contaminated clothing and protective equipment before entering eating or smoking areas.

### 7.2 Conditions for Safe Storage Including Any Incompatibilities

**Storage Requirements** : Storage of individual cans should be done in an area below 55°C (120 °F), and away from heat sources. Ensure can is in a secure place to prevent knocking over and accidental rupture. For storage of pallet quantities, compliance with NFPA 30B (Manufacture and Storage of Aerosol Products) is recommended.  
**Incompatibilities** : Segregate storage away from materials indicated in Section 10.  
**NFPA 30B Classification** : This product is classified as a Level 1 Aerosol per NFPA 30B

## SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1 Control Parameters

N-Butane (106-97-8)

ACGIH

ACGIH TWA (mg/m<sup>3</sup>)

1000 ppm



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 Issue Date: 9/9/2003  
 Version: 5.0 (EN)-US  
 Page: 4/8

G'Wax

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

## N-Butane (106-97-8)

OSHA	OSHA PEL (TWA) (ppm)	800 ppm
NIOSH	NIOSH REL (TWA) (mg/m <sup>3</sup> )	1900
NIOSH	NIOSH REL (TWA) (ppm)	800 ppm
California	California PEL (TWA) (mg/m <sup>3</sup> )	1900 mg/m <sup>3</sup>
California	California PEL (TWA) (ppm)	800 ppm

## Propane (74-98-6)

OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	1800 mg/m <sup>3</sup>
OSHA	OSHA PEL (TWA) (ppm)	1000 ppm
NIOSH	US IDLH (ppm)	2100 ppm
NIOSH	NIOSH REL (TWA) (mg/m <sup>3</sup> )	1800 mg/m <sup>3</sup>
NIOSH	NIOSH REL (TWA) (ppm)	1000 ppm
California	California PEL (TWA) (mg/m <sup>3</sup> )	1800 mg/m <sup>3</sup>
California	California PEL (TWA) (ppm)	1000 ppm

## Isobutane (75-28-5)

ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	1000 ppm
NIOSH	NIOSH REL (TWA) (mg/m <sup>3</sup> )	1900 mg/m <sup>3</sup>
NIOSH	NIOSH REL (TWA) (ppm)	800 ppm

## Stoddard Solvent (8052-41-3)

ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	100 ppm
OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	2900 mg/m <sup>3</sup>
OSHA	OSHA PEL (TWA) (ppm)	500 ppm
California	California PEL (TWA) (mg/m <sup>3</sup> )	525 mg/m <sup>3</sup>
California	California PEL (TWA) (ppm)	100 ppm

## 8.2 Exposure Controls

- Engineering Measures** : Use only with adequate ventilation. General ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. Local exhaust ventilation or an enclosed handling system may be necessary to control air contamination below that of the lowest OEL from the table above.
- Personal Protective Equipment**
- Eye / Face Protection** : Safety glasses with side shields are recommended as a minimum for any type of industrial chemical handling.
  - Hand Protection** : Chemical-resistant gloves, tested according to ASTM F903-17.
  - Remarks** : Choose gloves to protect hands against chemicals depending on the concentration and quantity of the hazardous substance and specific to the place of work.
  - Skin and Body Protection** : For brief contact, no precautions other than clean body-covering clothing should be needed.
  - Respiratory Protection** : An approved respirator with an organic vapor cartridge may be permissible under certain circumstances where airborne concentrations are expected to exceed occupational exposure limits.
  - Compliance** : If needed, compliance with OSHA standard 29 CFR 1910.134 is necessary.
  - Other Protective Equipment** : Safety showers and eye-wash stations should be available in the workplace near where the material will be used.
- Environmental Exposure Controls** : Avoid release to the environment.

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Physical Properties

Boiling Point	> 0.00 °C	Melting / Freezing Point	> -60.00 °C
Flash Point, Liquid	Non flammable	Flash Point, Propellant	-104.40 °C
Explosive Limits	Non flammable	Autoignition Temperature, Liquid	> 0.00 °C
Flammability	Non-Flammable Aerosol	Density	0.890 g/cm <sup>3</sup>
Molecular Weight	Not Available	Weight	7.427 lbs/gal
Vapor Pressure	Not Available	pH	Not Available
Vapor Density	Not Available	Evaporation Rate (nBac=1)	Not Available
Viscosity	10.00 cSt (centistoke)	Partition Coefficient (Log Pow)	Not Available
Odor Threshold	Not Available	Refractive Index	Not Available



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Version: 5.0 (EN)-US  
Page: 5/8

G'Wax

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Physical State	Pressurized Product	Heat Of Combustion	11.29 BTU/lb
Appearance / Color	Tan	Water Solubility	Not Available
Odor	Sweet	Decomposition Temperature	Not Available

## 9.2 Environmental Properties

Percent Volatile	94.25 % wt	VOC Regulatory	690.48 g/L (5.76 lbs/gal)
Percent VOC	23.10 % wt	VOC Actual	205.55 g/L (1.72 lbs/gal)
Percent HAP	0.00 % wt	HAP Content	0.00 g/L (0.00 lbs/gal)
Global Warming Potential	0.35 GWP	Maximum Incremental Reactivity	0.3250 g O3/g
Ozone Depletion Potential	0.00 ODP		

## SECTION 10 - STABILITY AND REACTIVITY

### 10.1 Reactivity

Reactivity : No specific test data related to reactivity is available for this products or its ingredients.

### 10.2 Chemical Stability

Chemical Stability : This product is stable.

### 10.3 Possibility of Hazardous Reactions

Hazardous Reactions : Under normal conditions of storage and use, hazardous reactions are not expected to occur.

### 10.4 Conditions to Avoid

Conditions to Avoid : Electrostatic Discharge, Other Ignition Sources, Heat, Flames, Sparks.

### 10.5 Incompatible Materials

Materials to Avoid : Strong Oxidizing Agents, Strong Reducing Agents, Strong Acids, Halogen Compounds, Bases, Strong Bases, Heavy Metals and their Salts.

### 10.6 Hazardous Decomposition Products

Thermal Decomposition : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11 - TOXICOLOGICAL INFORMATION

### 11.1 Information on Toxicological Effects

#### N-Butane (CAS: 106-97-8 / EC: 203-448-7)

LC50 Inhalation (Rat)	658 mg/l/4h (ChemInfo)
LC50 Inhalation (Rat)	276000 ppm/4h (ChemInfo)

#### Propane (CAS: 74-98-6 / EC: 200-827-9)

LC50 Inhalation (Rat)	658 mg/l/4h (Lit.)
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#### Isobutane (CAS: 75-28-5 / EC: 200-857-2)

LC50 Inhalation (Rat)	368000 ppm/4h (ChemInfo)
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#### Stoddard Solvent (CAS: 8052-41-3 / EC: 232-489-3)

LD50 Oral (Rat)	> 5000 mg/kg (RTECS)
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Routes Of Exposure : Eye Contact, Ingestion, Skin Contact, Inhalation.

Delayed and Immediate Effects and Also Chronic Effects from Short and Long Term Exposure : See Section 4.2

Skin Corrosion/Irritation : Not classified

Eye Damage/Irritation : Not classified

Respiratory or Skin Sensitization : Not classified

Germ Cell Mutagenicity : Not classified



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Version: 5.0 (EN)-US  
Page: 6/8

G'Wax

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Reproductive Toxicity : Not classified  
 STOT-Single Exposure : Not classified  
 STOT-Repeated Exposure : Not classified  
 Aspiration Hazard : May be fatal if swallowed and enters airways.  
 Vaporizer : Aerosol  
 Carcinogen Data : None of the ingredients in the product are listed with OSHA, IARC, NTP or ACGIH as being a suspected or known carcinogen in a concentration greater than 0.1% by weight.

## SECTION 12 - ECOLOGICAL INFORMATION

### 12.1 Ecotoxicity and Ecological Properties

#### n-Butane (106-97-8)

Persistence and Degradability	Readily biodegradable in water.
Bioconcentration Factor	33.52
Log Pow	2.89
Bioaccumulative Potential	Low potential for bioaccumulation (Log Kow < 4).
Log Koc	1.641

#### Propane (74-98-6)

Persistence and Degradability	Readily biodegradable in water. Not applicable (gas). Photodegradation in the air.
BCF Fish	9 - 25 (BCF)
Log Pow	2.28 (Calculated)
Bioaccumulative Potential	Low potential for bioaccumulation (Log Kow < 4).

#### Isobutane (75-28-5)

Persistence and Degradability	Readily biodegradable in water. Biodegradable in the soil. Not applicable (gas).
BCF Fish	26.62
Log Pow	2.76
Bioaccumulative Potential	Low potential for bioaccumulation (BCF < 500).
Log Koc	1.545

#### Stoddard Solvent (8052-41-3)

LC50 Fish	Rainbow Trout - 96hr
Log Pow	3.16-7.06
Log Koc	log Koc, 2.85-6.74

## SECTION 13 - DISPOSAL CONSIDERATIONS

### 13.1 Waste Treatment Methods

Waste Disposal : Characteristics and waste stream classification can change with product use and location. It is the responsibility of the user to determine the proper storage, transportation, treatment, and/or disposal methodologies for spent materials and residues at the time of disposition. All waste must be disposed of in compliance with the respective national, federal, state, and/or local regulations.

Waste Disposal Of Packaging : In the United States, an aerosol container that does not contain a significant amount of liquid would meet the definition of scrap metal (40 CFR 261.1(c)(6)), and would be exempt from RCRA regulation under 40 CFR 261.6(a)(3)(iv) if it is to be recycled. If containers are to be disposed of (not recycled) it must be managed under all applicable RCRA and state regulations.

Landfill Precautions : Not Available.

Incineration Precautions : \*\* DO NOT INCINERATE \*\* CONTENTS UNDER PRESSURE \*\*.


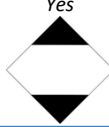

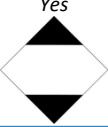
## SECTION 14 - TRANSPORTATION INFORMATION

14.1 UN Number	DOT (USA)	IATA (AIR)	IMDG (OCEAN)
UN Number	: UN1950	UN1950	UN1950
14.2 UN Proper Shipping Name	DOT (USA)	IATA (AIR)	IMDG (OCEAN)
UN Proper Shipping Name	: Aerosols, Limited Quantity	Aerosols, Non-Flammable,	Aerosols, Limited Quantity

## G'Wax

*according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations*

*Limited Quantity*

14.3 Transport Hazard Class(es)	DOT (USA)	IATA (AIR)	IMDG (OCEAN)
Transport Hazard Class(es)	2.2	2.2	2.2
Labels	None	2.2 - Non-flammable gas	None
			
Limited Quantity	Yes 	Yes 	Yes 
EmS Code	Not Applicable	Not Applicable	F-D, S-U

14.4 Packing Group	DOT (USA)	IATA (AIR)	IMDG (OCEAN)
Packing Group	None	None	None

14.5 Environmental Hazards	DOT (USA)	IATA (AIR)	IMDG (OCEAN)
Marine Pollutant	No	No	No

14.6 Special Precautions	
Precautions	: None Identified

14.7 Transport in Bulk	
Remarks	: Not applicable for product as supplied

## SECTION 15 - REGULATORY INFORMATION

### 15.1 Federal Regulations

- SARA Section 313** : This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.
- TSCA Section 12(b)** : This product or mixture is not known to contain a chemical or chemicals subject to the export notification requirements of section 12(b) of the Toxic Substances Control Act (TSCA) and 40 CFR Part 707, subpart D
- CERCLA Reportable Quantity** : This product or mixture is not known to contain a chemical or chemicals subject to the release reporting requirements of section 102 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)

### 15.2 State Regulations

- California Proposition 65** : This product does not contain any substances known to the state of California to cause cancer and/or reproductive harm
- State Right-to-Know Lists** : The following chemical(s) appear on one or more state RTK (Right to Know) lists as indicated

n-Butane (106-97-8)	U.S. - New Jersey - Right to Know Hazardous Substance List
Propane (74-98-6)	U.S. - New Jersey - Right to Know Hazardous Substance List
Isobutane (75-28-5)	U.S. - New Jersey - Right to Know Hazardous Substance List
Hexylene Glycol (107-41-5)	U.S. - New Jersey - Right to Know Hazardous Substance List
2-phenoxyethanol (122-99-6)	U.S. - Pennsylvania - RTK (Right to Know) List
Stoddard Solvent (8052-41-3)	U.S. - New Jersey - Right to Know Hazardous Substance List



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Version: 5.0 (EN)-US  
Page: 8/8

G'Wax

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

## SECTION 16 - OTHER INFORMATION

### Indication of changes

Section	Changed item	Change
2.1	GHS-US classification	Modified
2.2	Precautionary statements (GHS-US)	Modified
2.2	Hazard pictograms (GHS-US)	Modified
2.2	Hazard statements (GHS-US)	Modified
4	Symptoms/effects after ingestion	Modified
4.1	First-aid measures general	Modified
4.1	First-aid measures after ingestion	Modified
7.2	Storage conditions	Modified
8.2	Compliance	Added
8.2	Remarks	Added
8.2	Hand Protection	Added
8.2	Environmental Exposure Controls	Added
8.2	Respiratory Protection	Added
14	User Precautions	Added
14	EmS Code (Column 15 in IMDG Book 2)	Added

### Full Text of H-Statements

H Code	H Phrase
H220	Extremely flammable gas
H226	Flammable liquid and vapour
H280	Contains gas under pressure; may explode if heated
H304	May be fatal if swallowed and enters airways

### Disclaimer of Liability

The information contained herein is based upon data provided to us by our suppliers, and reflects our best judgement. However, no warranty of merchantability, fitness for any use, or any other warranty or guarantee is expressed or implied regarding the accuracy of such data, or the results to be obtained from use thereof. Since the information contained herein may be applied under conditions beyond our control and with which we may be unfamiliar, we do not assume any responsibility for the results of such application. This information is furnished upon the condition that the persons receiving it shall make their own determinations of the suitability of the material for any particular use. Although certain hazards are described herein, we cannot guarantee these are the only hazards that exist.