

Safety Data Sheet

According To Regulation (EC) No 1907/2006 (REACH),
(EC) No. 1272/2008 (CLP)

Version: 2.0
Form No: 152008

Prep Date: 11.11.2020
Rev. Date: 11.11.2020

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier Trade Name G-Wax Injection Wax (all colors)

Product Description Wax

1.2 Relevant Identified Uses Of The Product And Uses Advised Against

Relevant Identified Uses Wax for miscellaneous applications.

Uses Advised Against There are no uses advised against.

1.3 Details Of The Supplier The Safety Data Sheet

Manufacturer/
Supplier

Gesswein

201 Hancock Ave., Bridgeport, CT 06605

Phone: 203-366-5400, FAX: 203-366-3953

email: info@gesswein.com, www.gesswein.com

Emergency phone number: CHEMTELL - 800-255-3924

2. HAZARDS IDENTIFICATION

2.1 Classification Of The Product

2.1.1 Classification According to Regulation (EC) No 1272/2008

- This product is not classified as hazardous according to regulation (EC) 1272/2008 [CLP/GHS].

2.2 Label elements

2.2.1. Labeling According to Regulation (EC) No 1272/2008 [CLP²/GHS³]

Product Identifier

Hazard Component for Labeling

- Not applicable

Hazard Pictograms

- Not applicable

Signal Word

- Not applicable

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Hazard Statements
-
Precautionary Statements
General
-
Prevention
-
Response
-
Storage
-
Disposal
-
Supplemental Hazard Information (EU) Statements
No data available.
2.2.2. Special Rules For Supplemental Label Elements For Certain Mixtures
· None.
2.2.3. Additional Labeling
· Not Applicable
2.3 Other Hazards
Substance does not meets the criteria for PBT/ vPvB according to Regulation (EC) No. 1907/2006, Annex XIII: None
3. COMPOSITION/INFORMATION ON INGREDIENTS
3.1 Description Of The Substances
· Mixture
Mixture of refined hydrocarbon waxes, resins, polymers, ester waxes and colouring agent.
3.2 Additional information
Specific Concentration limits: None
M-Factor: None
Notes: None

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4. FIRST AID MEASURES

4.1 Description of first aid measures

4.1.1 General notes

- When in doubt or if symptoms are observed, get medical advice.

4.1.2 Following inhalation

- If inhaled, remove to fresh air. If not breathing, give artificial respiration.
- In case of dyspnea give oxygen.
- If unconscious, place in recovery position and get medical attention immediately.
- Get medical attention.



4.1.3 Following skin contact

- Remove contaminated clothing. Immediately flush skin with large amounts of water for at least 20 minutes and follow by washing with soap and water if available.
- Get medical attention if irritation persists.



4.1.4 Following eye contact

- Check for and remove any contact lenses.
- Rinse out with water for at least 20 minutes with the eyelid held wide open.
- Do not rub your eye.
- Get medical attention if irritation persists.



4.1.5 Following ingestion

- Wash out mouth with water.
- Do not induce vomiting unless directed to do so by medical personnel.
- Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately.
- Maintain an open airway.
- Get medical attention.



4.1.6 Self-protection of the first aider

- First aid assistant: Pay attention to self-protection!

4.2. Most important symptoms and effects, both acute and delayed

Eye contact: No data available
Inhalation: No data available
Skin contact: No data available
Ingestion: No data available

4.3. Indication of any immediate medical attention and special treatment needed

- No specific actions are required.

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5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media:

Suitable extinguishing media

- Mist spray, CO₂, dry chemical.

Unsuitable extinguishing media

- Direct spray.

5.2 Special hazards arising from the product.

- Incomplete combustion or (high temperature) cracking can give: carbon monoxide, organic acids, aldehydes, alcohol etc., irritating vapours and smoke. Total combustion yields water and carbon dioxide.

5.3 Advice for fire-fighters

- No specific firefighting protection is required.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel

- Avoid contact with eyes.
- No action shall be taken involving any personal risk or without suitable training.
- Keep unnecessary and unprotected personnel from entering.
- Do not touch or walk through spilled material.
- Evacuate the accident area.
- Refer to protective measures listed in section 7 and 8.
- Wear appropriate personal protective equipment as described in section 8.

6.1.2. For emergency responders

- If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials.
- See also the information in "For non-emergency personnel".

6.2 Environmental precautions

- Do not empty into drains and sewers.
- Keep from entering to water and ground water systems.
- Spillages or uncontrolled discharges into watercourses must be alerted to the Environmental Agency or other appropriate regulatory body.

6.3 Methods and material for containment and cleaning up

6.3.1 For containment

- Control personal contact by using protective equipment as required
- Take up contaminated material and pass on for further processing.
- Contain for disposal according to local / national regulations.

6.3.2 For cleaning up

- Move containers from spill area.

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- Avoid dust generation.
- Pick up mechanically and transfer to properly labelled containers.
- Place spilled material in a designated, labeled waste container.
- Dispose of via a licensed waste disposal contractor.
- Control personal contact by using protective equipment.

6.3.3 Other information

- Dispose of waste material according to local, state and federal regulations.

6.4 Reference to other sections

- See Section 1 for emergency contact information.
- See Section 8 for information on appropriate personal protective equipment.
- See Section 13 for additional waste treatment information.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

7.1.1 Protective measures

Personal preventions

- Avoid formation of dust.
- Wear personal protection equipment. Refer to chapter 8.
- Do not eat, drink, smoke or sneeze at the workplace.
- Dangerous areas must be limited and marked with appropriate warning and safety signs.
- Always wash hands with soap and water after handling.
- Avoid contact with hand and eye
- Avoid breathing dust of the product.
- Working areas must be arranged in such a manner that they can be cleaned at all times.
- Take off all contaminated clothing immediately and never use before washing.
- Ensure adequate ventilation and, if necessary, exhaust ventilation when handling or transferring the product.
- Ensure that the occupational exposure limit value/s (OEL) and/or other limit values are complied with.
- Handle in accordance with good industrial hygiene and safety.

7.1.2 Measures to Prevent Fire

- See section 5.

7.1.3 Measures to Protect Environment

- Dispose of waste material according to local, state and federal regulations.

7.1.4 Advice on general occupational hygiene

- Use good occupational work practice.
- Comply with the health and safety at work laws.

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- Remove contaminated clothing and protective equipment before entering eating areas.

7.2 Conditions for safe storage, including any incompatibilities

- Store in accordance with local regulations.
- Store away from ignition sources, food and drink.
- Keep container tightly closed.
- Store in original containers.
- Store in a cool, dry, well-ventilated area.
- Avoid contact with incompatible materials
- Avoid physical damage to containers.
- Please give the priority usage for damaged packaged.
- Do not store in unlabeled containers.
- Keep/Store only in original container.
- Store under cover, out of direct sunlight, avoid temperatures above 30 °C.

STORAGE INCOMPATIBILITY

None

Advice on common storage

- See also instructions on the label.
- Store in a cool, dry, well-ventilated area.
- Keep away from food, drink and animal feeding stuffs.
- Store away from incompatible materials and foodstuff containers.

7.3 Specific precautions on storage

- Keep container tightly closed. Keep container in a cool, well-ventilated area.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

Preventive industrial and medical examinations must be carried out according to the application area. Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard.

Well-designed engineering controls can be highly effective in protecting workers and will typically be independent of worker interactions to provide this high level of protection.

8.1.1 Occupational exposure limits

No data available

8.2 Exposure controls

Adequate ventilation should be used during processing.

Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

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8.2.1 Appropriate engineering controls:

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.
Ensure that eyewash stations and safety showers are proximal to the work-station location.
Keep away from food, drink and animal feeding stuffs.
Use personal protective equipment according to EN⁴ standards.
See Section 7

8.2.2 Individual protection measures, such as personal protective equipment

8.2.2.1 Eye / Face protection:

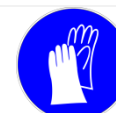
Safety glasses and face shield. Use equipment for eye protection tested and approved under appropriate standards.



8.2.2.2 Skin protection

Hand protection

- Appropriate protection (e.g. gloves, barrier cream) is recommended for employees who suffer from dermatitis or sensitive skin.



Body protection

- Choose body protection according to the amount and concentration of the dangerous substance at the work place.



Other protection

- Handle in accordance with good industrial hygiene and safety practice.
- Wash hands before breaks and at the end of workday.
- Prophylactic use of protective ointment (barrier cream) is recommended.

8.2.2.3 Respiratory protection

- Ventilate working area.



8.2.3 Environmental exposure controls

- Legislation for the protection of the environment must be met in full.
- Avoid wind dispersal.

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9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Form/Physical state	Solid
Color	Turquoise, Blue, Red, Pink, Yellow, Grey
Odor	Typical
pH at (1 g/100 ml) (30 °C)	No data available
Freezing Point (°C)/ Melting Point (°C)	Softening Point by Ring and Ball Apparatus ASTM E28 58TF: 66-72C
Flash point (°C)	> 240
Flammable properties (solid, gas)	Not applicable
Oxidising Properties	Not oxidizer
Explosive properties	Not explosive
Explosion limits, %	No data available
Vapor pressure, (mbar) (20 °C)	< 0.002
Vapor density, (15-20 °C & 59-68 °F, Air: 1)	No data available
Autoignition point (°C)	No data available
Boiling Point (°C)	No data available
Relative Density (20 °C)	0.89-0.96
Water Solubility	No data available
Apparent porosity	No data available
Bulk Density (kg/m ³)	No data available
Viscosity (cP) (100 °C)	Approx. 110-180
Water adsorbtion	No data available
Partition coefficient n-octanol/water	No data available

9.2 Other Information

Other physical and chemical parameters

10. STABILITY AND REACTIVITY

10.1 Reactivity

10.2 Chemical stability

- Stable under recommended storage and handling conditions. (See section 7.)

10.3 Possibility of hazardous reactions

- Stable under recommended storage and handling conditions. (See section 7.)

10.4 Conditions to avoid:

- Prevent overheating. Do not heat above flame point.

10.5 Incompatible materials:

- Strong acids and oxidizing agents.

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- 10.6 Hazardous decomposition products:**
- At burning: see fire-fighting measures.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

11.2 Acute toxicity

- Non-toxic in normal conditions of use.

11.3 Skin corrosion/irritation

- No allergic and no skin reabsorbing properties are known.

11.4 Serious Eye damage/irritation

- Based on available data, the classification is not met.

11.5 Respiratory or skin sensation

- Based on available data, the classification is not met.

11.6 Reproductive toxicity

- Based on available data, the classification is not met.

11.7 Germ cell mutagenicity

- Based on available data, the classification is not met.

11.8 Carcinogenicity

- Based on available data, the classification is not met.

11.9 Aspiration Hazard

- Based on available data, the classification is not met.

11.10 STOT-single/repeated exposures:

STOT-single exposure	The product is not classified as a specific target organ toxicant.
STOT-repeated exposure	The product is not classified as a specific target organ toxicant.

11.11 Additional Toxicological Information:

- Toxicological classifications are based on available knowledge and information
- The special effects to health are considered by taking into account the information in section 3.

12. ECOLOGICAL INFORMATION

12.1 Toxicity:

Not soluble in water, is hardly taken up by the environment.

12.2 Persistence and degradability

Abiotic Degradation: No data available

Physical- and Photo-chemical elimination: No data available

Biodegradation: Not biodegradable. Product is of mineral origin.,

The solid matter content can be separated mechanically in a sewage plant.

12.3 Bioaccumulative potential

Partition coefficient n-octanol /water (log Kow): No data available

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Bioconcentration factor (BCF): No data available

12.4 Mobility in Soil

Solid

Solubility in water: No data available

Known or predicted distribution to environmental compartments: Surface tension: No data available

Adsorption/Desorption: No data available

12.5 Results of PBT and vPvB assessment

According to Annex XIII of Regulation (EC) No.1907/2006 product is not fulfilling PBT (persistent/bioaccumulative/toxic)/vPvB (very persistent/very bioaccumulative) criteria

12.6 Other adverse effects

See the sections 6, 7, 13, 14 and 15.

13. DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods

13.1.1 Product / Packaging disposal

- The generation of waste should be avoided or minimized wherever possible.
- Can be landfilled or incinerated.
- Note that properties of a material may change in use, and recycling or reuse may not always be appropriate
- When recycling of the product is not possible, disposal to landfill or incineration in accordance with all applicable government laws and regulations is recommended.
- Disposal according to local authority regulations.
- According to the European Waste Catalogue, waste codes are not product specific, but application specific. Waste codes should be assigned by the user.
- Contaminated packaging can be re-used after emptying and cleaning.

13.1.2 Waste Treatment-Relevant Information

- When in compliance with the Environmental Protection (Duty of Care) Regulations.

13.1.3 Sewage Disposal-Relevant Information

- None

13.1.4 Other Disposal Recommendations

- Dispose of chemicals waste or in accordance with local regulations.
- Follow all applicable local laws, rules and regulations regarding the proper disposal of this material.
- If this product has been altered or contaminated with other hazardous materials, appropriate waste analysis may be necessary to determine proper method for disposal.
- Dispose of waste according to applicable local, state, and federal regulations.

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14. TRANSPORT INFORMATION

	ADR ⁵ /RID ⁶	ADNR ⁷	IMDG ⁸	ICAO ⁹ /IATA ¹⁰
TRANSPORTATION	Road	River	Marine	Airways
14.1 UN No.	-	-	-	-
14.2 Un Proper Shipping Name	The product is not hazardous for transportation			
Symbols	-	-	-	-
HIN No	-	-	-	-
Tunnel Restriction Code	-	-	-	-
14.3 Transport Hazard Class	-	-	-	-
14.4. Packaging Group	-	-	-	-
14.5 Environmental Hazards	-	-	-	-
14.6 Special Precautions For Users	Not Available			
14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code	Not Available			

15. REGULATORY INFORMATION

15.1 Safety, Health And Environmental Regulations / Legislation Specific For The Substance or Mixture

No data available

15.1.1 HAZARD

CLP classification according to Annex VI of CLP (Regulation (EC) No 1272/2008)

INTERNATIONAL REGULATIONS

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006 (REACH) and ISO 11014:2009.

This product is classified according to EU Directive GHS/CLP.

European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR 2015)

15.2 Chemical Safety Assessment

No chemical safety assessment has been carried out for this substance/ mixture by the supplier.

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16. OTHER INFORMATION

16.1 Other information

- For additional information regarding products please contact the CERTUS ALÇI VE DÖKÜM TEKNOLOJILERI SANAYI VE DIŞ TICARET LIMITED ŞİRKETİ
- The above information complies with the 1907/2006 Directives and their amendments.

16.2 Related Person

- AYANSAN CHEMICAL CONSULTANCY PLASTIC INC. AND TRD. LTD. CO.
- Prepared by
- Chemical Safety and Regulatory Affairs Consultant: MSc Burak AYAN
- burakayan@ayansan.com
- www.ayansan.com info@ayansan.com +90 (212) 485 50 59
- CERTUS ALÇI VE DÖKÜM TEKNOLOJILERI SANAYI VE DIŞ TICARET LIMITED ŞİRKETİ
- chris@certus-int.com

16.3 Revision Date, Version and SDS no

- Date : November 11, 2020
- Version : 2.0
- SDS No : 152008

16.4 Reason of re-issue

- Compiling according to Regulation (EC) No 1272/2008

16.5 Relevant H- and EUH-phrases:

-

16.6 Legal disclaimer

- The purpose of the above information is to describe the products only in terms of health and safety requirements.
- The information given should not, therefore, be construed as guaranteeing specific properties or as specification.
- Customers should satisfy themselves as to the suitability and completeness of such information for their own particular use.
- The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication.
- The above information relates only to the specific material(s) designated herein and may not be valid for such material(s) used in combination with any other materials or in any process or if the material is altered or processed, unless specified in the text.
- The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. Due to the many factors outside our

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control when using this product, we cannot accept liability for any injury, accident, loss or damage caused through its use.

¹ SDS: Safety Data Sheet

² CLP: Classification Labelling and Packaging

³ GHS: Global Harmonised System

⁴ EN Standards: Personal Protective Equipment Standards Determined by CEN (European Committee for Standardization)

⁵ ADR: Accord Dangereux Routier (European regulations concerning the international transport of dangerous goods by road)

⁶ RID: Regulations Concerning the International Transport of Dangerous Goods by Rail (European law)

⁷ ADN: Regulation for the Carriage of Dangerous Substances on the Rhine (EU)

⁸ IMDG: International Maritime Dangerous Goods (United Nations)

⁹ ICAO: International Civil Aviation Organization

¹⁰ IATA: International Air Transport Association

