

Safety Data Sheet

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25-28B Cerita[®] Depilatory Wax

1. Identification of the substance/mixture and of the company/undertaking

- 1.1 Product identifier
Product name : **25-28B Cerita[®] Depilatory Wax**
- 1.2 Relevant identified uses of the substance or mixture and uses advised against
Identified uses : Depilatory wax.
Uses advised against : None known
- 1.3 Details of the supplier of the safety data sheet
Manufacturer/supplier : M. Argüeso & Co., Inc. (D.B.A. Paramelt)
2817 McCracken Street
Muskegon, MI 49441, USA
Tel: (+1) 231 759 7304
Fax: (+1) 231 759 7570
- Manufacturing facility : Paramelt
2817 McCracken Street
Muskegon, MI 49441, USA
Tel: (+1) 231 759 7304
Fax: (+1) 231 759 7570
- SDS prepared by : Quality Manager
E-mail : EHS@argueso.com
- 1.4 Emergency telephone number
For emergency advice : CHEMTREC (Tel: 800 424 9300)
Availability : 24 hours

2. Hazards identification

- 2.1 Classification of the substance or mixture
GHS classification : Classified as dangerous under GHS/OSHA criteria
- Hazard summary:
Inhalation : May cause respiratory irritation.
Eye contact : Molten material will produce thermal burns.
Skin contact : Molten material will produce thermal burns. Contains resins based on gum rosin (Colophony, CAS #8050-09-7): May produce an allergic reaction.
- Ingestion : None known
Other health effects : None known
Environmental hazards : None known
- 2.2 Label elements :
Pictogram : 
- Signal word : Danger
- Hazard statements : H317 May cause allergic skin reaction (Cat: 1)
- Precautionary statements : P261 Avoid breathing dust/fume/gas/mist/vapors/spray.
P280 Wear personal protective gloves/protective clothing/eye protection/face protection.
P302+P352: IF ON SKIN: Wash with plenty of soap and water

P333+P313: If skin irritation or rash occurs: Get medical advice/attention.
 P363 Wash contaminated clothing before reuse.
 P402+P404 Store in a dry place. Store in a closed container.
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 Other hazards : None known

3. Composition information

Description : Mixture of waxes & resins.
 Classification : As supplied, the component(s) listed below can present physical or health hazards;

CAS No	%, w/w	Name	Classification according to 21 CFR 1910.1200
*8050-09-7	50-80	Colophony	Skin Sens. 1; H317
The following are included because of country workplace exposure limits – see section 8.1.			

* The resins used in this blend are based on modifications of gum rosin rather than the actual rosin itself however individuals can exhibit similar sensitivities to these resins.

For the full text of the H-statements mentioned in this Section, see Section 16.

4. First-aid measures

4.1 Description of first aid measures

Inhalation : Exposure to fumes, vapors or smoke of overheated molten product handled in confined areas can result in irritation of the respiratory tracts, and possible discomfort to sensitive individuals. Move to fresh air. Treat symptomatically. Get medical attention if symptoms persist.

Eye contact : Exposure to fumes, vapors or smoke of overheated product can result in irritation to eyes. Any material that contacts the eye should be washed out immediately with water. If easy to do, remove contact lenses. Get medical attention if symptoms persist. If molten material contacts the eye, immediately flush with plenty of running water for at least 15 minutes, holding eyelid open. Do not remove adhering material. Seek medical attention immediately.

Skin contact : Wash with soap and water. If skin irritation continues, consult a doctor.
 Molten product – Cool affected areas with running water to remove heat. In general, do not remove adhering material - it may be necessary to cut through material surrounding a limb to prevent a tourniquet effect. Seek medical attention urgently.

Ingestion : Do not induce vomiting. Seek medical attention.

4.2 Most important symptoms and effects, both acute and delayed
 Burns should be treated as thermal burns. The material will come off as healing occurs; therefore, immediate removal from skin is not necessary

4.3 Indication of any immediate medical attention and special treatment needed

Hazards : Contact with molten product may cause severe burns to skin and eyes.
 Treatment : Treat symptomatically.

5. Fire-fighting measures

- 5.1 Extinguishing media
 Suitable extinguishing media : Water mist, dry chemical, carbon dioxide or foam.
 Unsuitable extinguishing media : Do not use a solid water stream as it may scatter and spread fire.
- 5.2 Special hazards arising from the substance or mixture
 Watch footing on floors and stairs because of possible spreading of molten material. Material can create slippery conditions. In case of fire hazardous decomposition products may be produced such as: Carbon dioxide, carbon monoxide and complex hydrocarbons. As with most solid organic compounds, a high dust concentration of this product may form an explosive atmosphere, subject to ignition by heat and static discharge. This is an unlikely scenario but users should be aware of the risk.
- 5.3 Advice for firefighters
 In the event of fire and/or explosion do not breathe fumes. Wear self-contained breathing apparatus and protective suit.

6. Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures
 Wear appropriate personal protective equipment.
- 6.2 Environmental precautions
 Should not be released into the environment. Prevent product from entering drains.
- 6.3 Methods and material for containment and cleaning up
- Solid product : Sweep up the spilled material. If it is clean, place in a suitable container for use. If it is contaminated, collect in a suitable container for disposal. Prevent the spillage entering drainage channels.
- Molten product : Wear appropriate personal protective equipment – boots, eye protection & heat resistant gloves. Attempt to contain the spill by making dams with sand or earth. A water mist can be used to cool a spill but take extreme care when doing so. Allow the spill to solidify before collecting the material for disposal. Do not let molten product enter drainage channels.
- Notification procedures
 In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations.

7. Handling and storage

- 7.1 Precautions for safe handling
 Use only in a well ventilated area and avoid breathing fumes and dust (dust is unlikely). Avoid skin and eye contact, especially with the molten material. Do not eat, drink or smoke whilst using this product.
- 7.2 Conditions for safe storage, including any incompatibilities
 Keep product closed in its original packaging until used. Keep dry; avoid temperature extremes (keep between 5 & 30°C / 41 & 86°F) and direct sunlight. Keep away from sources of ignition, oxidizing agents and other chemicals.
- 7.3 Specific end use(s)
 Avoid heating above 65.6°C (150°F) during the normal process. Do not let molten product stand unused in melt tanks.

8. Exposure controls and personal protection

8.1 Control parameters

Occupational exposure limit values : The following may be released from the product in the molten state.

Workplace exposure limits : The following values were obtained from:
<http://limitvalue.ifa.dguv.de>

Country	Long term exposure limit (8 hr. TWA reference period)	Short term exposure limit (15 minute reference period)	Notes
Exposure to the following is unlikely given that the product form and its intended application.			
Substance: Dust – respirable, Or, Particulates, not otherwise regulated (respirable fraction)			
CAS #:			
USA - OSHA	5 mg/m ³		Nuisance dust
USA - NIOSH	5 mg/m ³		
Exposure to the following is unlikely given that the product form and its intended application.			
Substance: Dust – Total			
CAS #:			
USA - OSHA	15 mg/m ³		Nuisance dust

8.2 Exposure controls

Appropriate engineering controls
Good general ventilation should be used. If applicable, use local exhaust ventilation or other engineering controls to maintain airborne levels of dust (solid product), fume or vapor (molten product) below recommended exposure limits.

Individual protection measures, such as personal protective equipment: Reference: UK EH40/2005.

Eyes & Face : Appropriate eye protection should be worn when handling slabs.

Skin : Solid product – cotton gloves. Molten product – Impervious heat protective gloves.

Respiratory : If engineering controls do not maintain airborne concentrations below recommended exposure limits an approved respirator must be worn. Respirator type: Air-purifying respirator with an appropriate air-purifying filter, cartridge or canister.

Hygiene : A good standard of industrial hygiene should be practiced when using this product. Wash hands thoroughly before eating, drinking or smoking. Contaminated clothing should be laundered before reuse.

Environmental : Exhaust air may need to be cleaned by scrubbers or filters to reduce environmental contamination.

9. Physical and chemical properties

Physical state at 20°C. : Waxy solid
Color : Brown
Odor : Resinous, characteristic
Odor threshold : Not determined
pH : No data available
Boiling point : No data available
Melting point (DMP) : approx. 60.0°C. (140.0°F.)
Flash point : >185°C (365°F), Cleveland Open Cup.
Evaporation rate : Not determined
Flammability (solid, gas) : No data available
Upper/lower flammability : No data available

Vapor pressure	: No data available	
Vapor density	: No data available	
Specific gravity	: approx. 1.03	(20°C.)
Solubility in water	: Insoluble	
Solubility in common organic solvents	: Soluble	
Partial coefficient: n-octanol/water	: No data available	
Auto-ignition temperature	: No data available	
Decomposition temperature	: No data available	
Viscosity (RS6000)	: approx. 2100 cPs	(150°F.)
Explosive properties	: No data available	
Oxidizing properties	: No data available	

10. Stability and reactivity

Reactivity	: None known.
Stability	: Stable as supplied
Possibility of hazardous reactions	: None known
Conditions to avoid	: The product is organic, however, and will be subject to surface oxidation. Avoid holding the product in the molten state when not in use. Excessive thermal exposure will degrade the product.
Incompatible materials	: Strong oxidizing agents.
Hazardous decomposition products	: Carbon dioxide, carbon monoxide.

11. Toxicological information

11.1 Information on toxicological effects

Acute Exposure Inhalation	: Wax fumes have been reported to be irritating to the respiratory tract, especially to sensitized persons. May cause asthma on prolonged exposure of sensitive individuals.
Eye contact	: Molten product will cause thermal burns on contact with the eyes. This product contains resins based on colophony which can cause slight irritation to the eyes.
Skin contact	: Molten product will cause thermal burns on contact with the skin. This product contains resins based on colophony which can cause irritation to the skin and has the potential to sensitize. May cause allergic skin reaction and dermatitis.
Ingestion Use	: Expected to be low in ingestion hazard.
Skin corrosion/irritation	: No data available for the product.

Modified Rosin – similar to resins used	
Rabbit, OECD Test Guideline 404	Non-irritating

Serious eye damage/irritation	: No data available for the product.
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Modified Rosin – similar to resins used	
Rabbit, OECD Test Guideline 405	Causes eye irritation.

Respiratory or skin sensitisation : May cause asthma, skin irritation and dermatitis.

Modified Rosin – similar to resins used	
Skin sensitization (local lymph node assay (LLNA))	Positive (mouse, OECD Test Guideline 429)
Evidence from a limited number of case studies suggests that dermal contact in susceptible persons may result in skin sensitization. May cause photosensitization.	

Germ cell mutagenicity : No data available for the product.

Modified Rosin – similar to resins used	
Salmonella/microsome test (Ames test)	Negative (Salmonella typhimurium,, OECD 471)
Chromosome aberration test in vitro	Negative (Human, OECD 473)
In vitro mammalian cell gene test	Negative (Mouse, OECD 476)

Carcinogenicity : No data available for the product.

Toxicity for reproduction : No data available.

Summary of evaluation of the CMR properties : No data available.

STOT – single exposure : No data available.

STOT – repeated exposure : No data available.

Aspiration hazard : No data available

12. Ecological information

No specific ecological information has been determined for this product. However, the product is insoluble in water and should not pose a serious threat to the environment.

12.1 Toxicity : No data available

12.2 Persistence and degradability : No data available

12.3 Bioaccumulative potential : No data available

12.4 Mobility in soil : No data available

12.5 Results of PBT and vPvB assessment : No data available

12.6 Other adverse effects : No data available

Users of the product should, however, ensure that it is stored, handled and disposed of in such a manner that it is not released to the environment.

13. Disposal considerations

13.1 Waste treatment methods

General information : Dispose of used product, unwanted product and related packaging in strict accordance with waste disposal legislation and any local authority requirements.

Disposal methods : Landfilling in a permitted solid waste facility is recommended. Incineration is possible. Ensure all national/local regulations are observed.

14. Transportation information

ADR/RID : Solid forms of this product are not regulated.
 IMDG : Solid forms of this product are not regulated.
 IATA : Solid forms of this product are not regulated.

15. Regulatory information

15.1 US Federal regulations

TSCA : All components of this product are listed or exempted from listing on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.
 CWA : Plastic pellets are defined by the US EPA under the Clean Water Act (40CFR122.26) as a “significant material” which requires any industrial plant that may expose pellets to storm water to secure a storm water permit. Violations of the rule carry the same penalties as other Clean Water Act violations. Pellets found in storm water runoff are subject to EPA regulations with the potential for substantial fines and penalties.
 EPCRA section 302 : This material contains no extremely hazardous substances.
 SARA 313 : No reportable chemicals.
 SARA 311/312 : Acute

15.2 US State regulations

California Proposition 65 : Carcinogens: None
 Adverse reproductive effects: None

16. Other information

NFPA (National Fire Protection Association)

NFPA health hazard : 1
 NFPA fire hazard : 1
 NFPA reactivity : 0

HMIS III Rating

Health : 1
 Flammability : 1
 Physical Hazard : 0
 Personal Protection : See section 8 of SDS

Revision information :

Changes from Revision 1.1 : Section 15.1: EPCRA 311/312 classification revised to Acute.
 Section 13: Disposal methods – revised to landfill/incineration.

Changes from Revision 1.0 : Erroneous blank page 3 of 9 removed.

Key literature references and sources for data :

Supplier MSDS
 ECHA –Guidance on the compilation of safety data sheets, Version 2.0, Dated December 2013

GESTIS - International limit values for chemical agents database (English)
GESTIS – database on hazardous substances (English)
21 CFR 1910
ANSI Z400.1/Z129.1-2010
Other internet sources.
Full text of the H-statements referred to under section 3:

H317 : May cause allergic skin reaction.

Training information : No data available.

Disclaimer

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