



MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Product Name : Carnauba Wax
Chemical Composition : Material of vegetable origin structured by fatty acid esters and alcohols of the superior chain
Product Code : 1521

2. Composition/Information on Ingredients

Classification Name : Carnauba Wax
CAS number : 8015-86-9
EINECS : #2323994
Ingredients contributing to the hazard : None

3. Hazard Identification

Hazard components : None
Potential Health effects and symptoms :
Eye : Dust may cause mechanical irritation, but only under powder forms
Skin : May cause skin irritation. Low hazard for usual industrial handling
Ingestion : Ingestion of large amounts may cause gastrointestinal irritation
Chronic : No information found

4. First Aid Measures

Eyes : Flush eyes affected with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids. If irritation develops, get medical aid
Skin : Flush skin with plenty of soap and water for at least 15 minutes, while removing contaminated clothing and shoes. Get medical aid if irritation develops or even persists.
Ingestion : If victim is conscious and alert, give 2-4 cupfuls of milk or water. Get medical assistance.
Inhalation : Remove from exposure to fresh air immediately. Get medical aid if cough or other symptoms appear.
Note to Physician : Treat symptomatically and supportively

5. Fire Fighting Measures

General Information :
As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
Extinguish Media : In case of fire, use water, dry chemical, chemical foam, or alcohol-resistant foam.
Autoignition Temperature : Not applicable
Flash Point : 484°F (251.11°C)
Explosion Limits : Lower : None
Upper : None

6. Accidental Release Measures

Personal Precaution : Avoid any contact with hot fluid of wax
Eye/Face/Body/Hands : Use proper protective equipment, specially when working with wax under melting process.
Spills/Leaks : Vacuum or sweep up material and place into a suitable disposal container. Avoid generating dusty conditions.

7. Handling and Storage

Handling : Use with adequate ventilation. Avoid contact with eyes, skin and clothing. Avoid ingestion and inhalation.
Storage : Keep from contact with oxidizing materials.

8. Exposure Controls, Personal Protection

Engineering Controls : use adequate ventilation to keep airborne concentration low.
Exposure Limits :
Chemical Name : Carnauba Wax
Personal Protective Equipment
Eyes : Wear appropriate protective eye-glasses or chemical safety goggles.
Skin : Wear protective gloves to prevent skin exposure
Clothing : Wear appropriate protective clothing to minimize contact with skin
Respirators : Follow the OSHA respirator regulations found in 29CFR 1010.134. Always use a NIOSH approved respirator when necessary.

9. Physical and Chemical Properties

Physical State : Solid
Odor : Sharp pleasant characteristic odor onto melting process
Vapor Pressure : Negligible
Vapor Density : Not Available
Viscosity : Not Available
Melting Point : 178° - 187° F
Molecular Formula : Not Available
Molecular Weight : Not Applicable
Specific Gravity (%) : 99.5

10. Stability and Reactivity

Chemical Stability : Stable
Conditions to Avoid : Incompatible materials
Incompatibles with Other Materials : Strong oxidizers
Hazardous Decomposition Products : Carbon Dioxide, Carbon Monoxide
Hazardous Polymerization : Not reported

11. Toxicological Information

RTECS# : CAS #8015-86-9 unlisted
LD50/LC50 : Not Available
Carcinogenicity : Not listed by ACGIH, IARC, NIOSH, NTP or OSHA. No components are listed by ACGIH, IARC, NIOSH, NTP or OSHA.

12. Ecological Information

Ecotoxicity : Not reported, since CARNAUBA WAX is a genuine pure vegetable product.

13. Disposal Considerations

Dispose of in a manner consistent with Federal, State and local regulations.

14. Transport Information

Not reported, neither regulated as a hazardous material

15. Regulatory Information

Contact your national regulations officer

16. Other Information

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes.

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