

**MODELLING WAX BW-475 Black**

Date of issue: 12/28/2010

Date printed: 10/18/2011

Sonneborn Refined Products B.V. urges the recipient of this Safety Data Sheet to study it carefully to become aware of hazards, if any, of the product involved. In the interest of safety you should (1) notify your employees, agents and contractors of the information on this sheet,(2) furnish a copy to each of your customers for the product, and (3) request your customers to inform their employees and customers as well.

---

**1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING**

---

**Identification of the substance or preparation**

Modelling Wax

**Use of substance/preparation**

Modelling waxes are typically used for making wax models.

**Company identification**

Sonneborn Refined Products B.V.

Mainhavenweg 6

1043 AL Amsterdam

The Netherlands

Tel.: +31.20.611.74.75

Fax: +31.20.611.09.59

**Emergency telephone number**

Tel.: +31.20.611.74.75

---

**2. HAZARDS IDENTIFICATION**

---

**Main hazards and effects:**

None

---

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

---

INGREDIENT	% BY WEIGHT	HAZARD	DANGER SYMBOL(S)
------------	-------------	--------	------------------

---

No hazardous ingredients

CAS# -

EINECS/ELINCS# -

---

**4. FIRST AID MEASURES**

---

**Swallowing**

WHEN MOLTEN ONLY (molten product can cause thermal burns) - Obtain medical attention immediately.

**Inhalation**

No emergency care anticipated.

**MODELLING WAX BW-475 Black**

---

**Skin contact**

WHEN MOLTEN ONLY (molten product can cause thermal burns) - In serious cases, use emergency shower immediately. Immediately flush skin thoroughly with water for at least 15 minutes while removing contaminated clothing and shoes. Obtain medical attention.

**Eye contact**

WHEN MOLTEN ONLY (molten product can cause thermal burns) - Immediately flush eyes with water and continue washing for at least 15 minutes. Obtain medical attention.

**Notes to physician**

None

---

**5. FIRE-FIGHTING MEASURES**

---

**Extinguishing media**

Suitable : Extinguish with:  
- dry chemical  
- carbon dioxide (in case of small fires)  
- water fog  
- foam  
- sand or earth

Unsuitable : Do not use water jet.

**Special fire fighting procedures**

Do not direct a solid stream of water or foam into burning molten material; this may cause spattering and spread the fire.

**Special protective equipment for firefighters**

Self-contained breathing apparatus.

**Unusual fire and explosion hazards**

Following products may be produced during a fire: Oxides of carbon.

---

**6. ACCIDENTAL RELEASE MEASURES**

---

**Personal precautions**

Wear suitable protective equipment.

**Environmental precautions**

Avoid runoff to sewers or waterways. Dike area of spill to prevent spreading and pump liquid to salvage tank. Allow remaining liquid to solidify, then shovel into containers. Waste: avoid washing into watercourses. Use methods consistent with local regulations or incinerate.

**Methods for cleaning up**

Dike to contain spill. Take up mechanically. Collect in suitable containers. Stop the leak if it can be done without risk. Clean up with solvent.

---

**7. HANDLING AND STORAGE**

---

**HANDLING**

**Ventilation**

General (mechanical) room ventilation is expected to be satisfactory for use at room temperature.

---

**MODELLING WAX BW-475 Black**

---

**STORAGE**

**Storage requirements**

Keep away from heat, sparks and flame. Do not store at temperatures: > 150 degrees Celsius

---

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

---

**EXPOSURE LIMIT VALUES**

COMPONENT	COUNTRY	TYPE REMARK	VALUE
-----------	---------	----------------	-------

---

No exposure limits have been established

**EXPOSURE CONTROLS**

**Respiratory protection**

None expected to be needed.

**Hand protection / protective gloves**

Personal protectives: WHEN MOLTEN ONLY.

Wear gloves impervious to this material

**Eye protection**

Personal protectives: WHEN MOLTEN ONLY.

Safety glasses.

Faceshield

**Skin protection**

Personal protectives: WHEN MOLTEN ONLY.

Overalls

**Other protective equipment**

Personal protectives: WHEN MOLTEN ONLY.

Overalls

---

**9. PHYSICAL AND CHEMICAL PROPERTIES**

---

**Appearance**

Physical state : Solid

Odor : None

**Important health, safety and environmental information**

Flash point : > 250 °C Method: ASTM D92

Upper explosion limits : No data available.

Lower explosion limits : No data available.

Vapor pressure : < 0.1 hPa at 20 °C

Density : 0.80 g/cm<sup>3</sup> at 100 °C

**MODELLING WAX BW-475 Black**

---

Bulk density	:	No data available.
Solubility in water	:	Negligible
Kinematic viscosity	:	5- 15 mm <sup>2</sup> /s at 100 °C
Vapor density (air=1)	:	None specified
Evaporation rate (Butyl Acetate=1)	:	Not applicable

**Other information**

Melting point	:	50 - 80 °C Method: ASTM D 127
Autoignition temperature	:	No data available.

---

**10. STABILITY AND REACTIVITY**

---

**STABILITY**

Stable.

**Conditions to avoid**

Avoid contact with: Strong oxidizing agents.

**Incompatible materials**

Strong oxidizing agents.

**Hazardous combustion products**

Combustion may produce the following products:

Carbon monoxide.

Carbon dioxide.

---

**11. TOXICOLOGICAL INFORMATION**

---

**GENERAL**

No information available.

---

**12. ECOLOGICAL INFORMATION**

---

Most hydrocarbon components of these substances will have little or no tendency to partition to air. The half lives for degradation of these hydrocarbons by reaction with hydroxyl radicals, in the troposphere, under the influence of sunlight, will all be less than one day, by extrapolation from the data quoted by Atkinson. Accordingly, any hydrocarbon material which does partition to air will be rapidly photodegraded. (Ref.: Atkinson, R., Gas-phase tropospheric chemistry of organic compounds: a review, Atmos. Environ., vol 24 A, pp. 1-41, 1990)

---

**13. DISPOSAL CONSIDERATIONS**

---

Dispose of in accordance with local regulations or incinerate.

**MODELLING WAX BW-475 Black**

---

**14. TRANSPORT INFORMATION**

---

**ADR/RID**

(when transported <100°C) This product is not regulated by ADR.

Proper shipping name	(when transported >100 °C) UN3257 ELEVATED TEMPERATURE LIQUIDS, N.O.S. (9), III
Class	9 (M9)
UN No.	3257
Packing group	III
Hazard No.	99
Label	9
Technical description	Wax

**IMDG**

This product is not regulated by IMDG.

**ICAO**

This product is not regulated by ICAO.

---

**15. REGULATORY INFORMATION**

---

**EC classification**

According to EC-regulations this product is not classified or labelled.

**Chemical Inventory**

Europe : This product is on the EINECS inventory.

---

**16. OTHER INFORMATION**

---

**Recommended uses and restrictions**

Please consult the product and/or application information bulletins for this product.

|| A vertical line in the left margin of the report indicates a change compared to the previous version.

This Safety Data Sheet conforms to EC Directive 91/155 and amendments.

The opinions expressed herein are those of qualified experts within Sonneborn Inc.. We believe that the information contained herein is current as of the date of this Safety Data Sheet. Since the use of this information and of these opinions and the conditions of use of this product are not within the control of Sonneborn Inc., it is the user's obligation to determine the conditions of safe use of the products.