



**Material Safety Data Sheet**  
**acc. to ISO/DIS 11014**

Printing date 08/06/2002

Reviewed on 07/24/2002

**1 Identification of substance**

HMG

· **Product details**· **Trade name:** Coma Bernice Brightwork Varnish Reducer· **Article number:**

2349

Stock Codes:1021,1022

· **Application of the substance / the preparation** Coating compound/ Surface coating/ paint· **Manufacturer/Supplier:**

HMG AMERICA LLC,

PO BOX313

ROEBUCK

SC29376

TEL 864 585 0266

FAX 864 585 3808

· **Information department:** CHEMTREC 1-800 424 9300 or 1(703)527 3887 outside the USA**2 Composition/Data on components**· **Chemical characterization:**· **CAS No. Description**

64742-82-1 White Spirit

· **Identification number(s)**· **EINECS Number:** 265-185-4· **EU Number:** 649-330-00-2**3 Hazards identification**· **Hazard description:**

Harmful

Dangerous for the environment

· **Information pertaining to particular dangers for man and environment:**

Harmful if swallowed.

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Harmful: may cause lung damage if swallowed.

· **Classification system:**· **NFPA ratings (scale 0 - 4)**

Health = 2

Fire = 2

Reactivity = 0

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### · WHMIS-ratings (scale 0 - 4)



Health = 2

Fire = 2

Reactivity = 0

## 4 First aid measures

### · General information:

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** Immediately call a doctor.

## 5 Fire fighting measures

### · Suitable extinguishing agents:

CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

- **Protective equipment:** No special measures required.

## 6 Accidental release measures

### · Person-related safety precautions: Not required.

### · Measures for environmental protection:

Inform respective authorities in case of seepage into water course or sewage system.  
Do not allow to enter sewers/ surface or ground water.

### · Measures for cleaning/collecting:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Dispose contaminated material as waste according to item 13.  
Ensure adequate ventilation.

## 7 Handling and storage

### · Handling:

### · Information for safe handling:

Ensure good ventilation/exhaustion at the workplace.  
Prevent formation of aerosols.

- **Information about protection against explosions and fires:** No special measures required.

### · Storage:

- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.
- **Class according to regulation on flammable liquids:** A II

## 8 Exposure controls and personal protection

- **Additional information about design of technical systems:** No further data; see item 7.

- **Components with limit values that require monitoring at the workplace:** Not required.

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- **Additional information:** *The lists that were valid during the creation were used as basis.*
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
*Keep away from foodstuffs, beverages and feed.  
 Wash hands before breaks and at the end of work.*
- **Breathing equipment:**  
*In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.*
- **Protection of hands:**  
*The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
 Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.  
 Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation*
- **Material of gloves**  
*The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.*
- **Penetration time of glove material**  
*The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.*
- **Eye protection:** *Goggles recommended during refilling.*

### 9 Physical and chemical properties

#### · General Information

<b>Form:</b>	Fluid
<b>Color:</b>	Clear
<b>Odor:</b>	Specific type

#### · Change in condition

**Melting point/Melting range:** Undetermined.  
**Boiling point/Boiling range:** 153°C (307°F)

· **Flash point:** 41°C (106°F)

· **Ignition temperature:** 230°C (446°F)

· **Danger of explosion:** Product does not present an explosion hazard.

· **Density at 20°C (68°F):** 0.775 g/cm<sup>3</sup>

#### · Solubility in / Miscibility with

**Water:** Not miscible or difficult to mix.  
**Organic solvents:** 100 %

### 10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:**  
*No decomposition if used according to specifications.*
- **Dangerous reactions** *No dangerous reactions known.*
- **Dangerous products of decomposition:** *No dangerous decomposition products known.*

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### 11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.

### 12 Ecological information

- **Ecotoxicological effects:**
- **Remark:** Toxic for fish
- **General notes:**  
 Water hazard class 1 (Self-assessment): slightly hazardous for water  
 Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.  
 Also poisonous for fish and plankton in water bodies.  
 Toxic for aquatic organisms

### 13 Disposal considerations

- **Product:**
- **Recommendation:**  
 Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

### 14 Transport information

- **DOT regulations:**



- **Hazard class:** 3
- **Identification number:** UN1263
- **Packing group:** III
- **Proper shipping name (technical name):** Paint related material

- **Land transport ADR/RID (cross-border):**



- **ADR/RID class:** 3 Flammable liquids
- **Item:** 31c
- **Danger code (Kemler):** 30
- **UN-Number:** 1263

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<b>· Description of goods:</b>	1263 Paint related material
<b>· Maritime transport IMDG:</b>	
	
<b>· IMDG Class:</b>	3.3
<b>· Page:</b>	3375
<b>· UN Number:</b>	1263
<b>· Packaging group:</b>	III
<b>· EMS Number:</b>	3-07
<b>· MFAG:</b>	311
<b>· Marine pollutant:</b>	No
<b>· Proper shipping name:</b>	Paint
<b>· Air transport ICAO-TI and IATA-DGR:</b>	
	
<b>· ICAO/IATA Class:</b>	3
<b>· UN/ID Number:</b>	1263
<b>· Packaging group:</b>	III
<b>· Proper shipping name:</b>	Paint

**15 Regulations**

**· Sara**

**· Section 355 (extremely hazardous substances):**

Substance is not listed.

**· Section 313 (Specific toxic chemical listings):**

Substance is not listed.

**· TSCA (Toxic Substances Control Act):**

Substance is listed.

**· Proposition 65**

**· Chemicals known to cause cancer:**

Substance is not listed.

**· Chemicals known to cause reproductive toxicity:**

Substance is not listed.

**· Cancerogenity categories**

**· EPA (Environmental Protection Agency)**

Substance is not listed.

**· IARC (International Agency for Research on Cancer)**

Substance is not listed.

**· NTP (National Toxicology Program)**

Substance is not listed.

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**· TLV (Threshold Limit Value established by ACGIH)**

*Substance is not listed.*

**· MAK (German Maximum Workplace Concentration)**

*Substance is not listed.*

**· NIOSH-Ca (National Institute for Occupational Safety and Health)**

*Substance is not listed.*

**· OSHA-Ca (Occupational Safety & Health Administration)**

*Substance is not listed.*

**· Product related hazard informations:**

*The product has been classified and marked in accordance with directives on hazardous materials.*

**· Hazard symbols:**

*Harmful*

*Dangerous for the environment*

**· Risk phrases:**

*Harmful if swallowed.*

*Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment*

*Harmful: may cause lung damage if swallowed.*

**· Safety phrases:**

*Do not breathe gas/fumes/vapour/spray.*

*Avoid contact with eyes.*

*Wear suitable protective clothing.*

*In case of fire, use ...*

*Use appropriate container to avoid environmental contamination.*

*This material and its container must be disposed of as hazardous waste.*

**· National regulations:**

**· Classification according to VbF: A II**

**· Water hazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.**

### 16 Other information

*This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.*

**· Department issuing MSDS: Product safety department: LABORATORY**

**· Contact: DAVE MCROBBIE**