



## Material Safety Data Sheet

acc. to ISO/DIS 11014

Printing date 08/07/2002

Reviewed on 08/21/2000

### 1 Identification of substance

HMG

**· Product details****· Trade name:** Acrythane Matterhorn White**· Article number:**

3566

Stock Code:2012,2014

**· 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****· Description:** Mixture of the substances listed below with nonhazardous additions.**· Dangerous components:**

108-10-1	4-methylpentan-2-one	2.5-10%
123-86-4	n-butyl acetate	2.5-10%
1330-20-7	Xylene (mix)	2.5-10%
100-41-4	ethylbenzene	£ 2.5%
108-65-6	2-methoxy-1-methylethyl acetate	£ 2.5%

**· Additional information:** For the wording of the listed risk phrases refer to section 16.

### 3 Hazards identification

**· Hazard description:**

Highly flammable

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

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

Highly flammable.

**· Classification system:**

The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.

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· **NFPA ratings (scale 0 - 4)**

Health = 3  
Fire = 3  
Reactivity = 0

· **WHMIS-ratings (scale 0 - 4)**

Health = 3  
Fire = 3  
Reactivity = 0

## 4 First aid measures

- **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. Then consult a doctor.
- **After swallowing:** If symptoms persist consult 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.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **Protective equipment:** No special measures required.

## 6 Accidental release measures

- **Person-related safety precautions:** Wear protective equipment. Keep unprotected persons away.
- **Measures for environmental protection:** Prevent seepage into sewage system, workpits and cellars.
- **Measures for cleaning/collecting:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
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:**  
Keep ignition sources away - Do not smoke.  
Protect against electrostatic charges.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**  
Keep receptacle tightly sealed.  
Store in cool, dry conditions in well sealed receptacles.

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· Class according to regulation on flammable liquids: A I

### 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:

#### 108-10-1 4-methylpentan-2-one

ACGIH TLV	Short-term value: 75 ppm Long-term value: 50 ppm BEI
NIOSH REL	Short-term value: 300 mg/m <sup>3</sup> , 75 ppm Long-term value: 205 mg/m <sup>3</sup> , 50 ppm
OSHA PEL	410 mg/m <sup>3</sup> , 100 ppm

#### 123-86-4 n-butyl acetate

ACGIH TLV	Short-term value: 200 ppm Long-term value: 150 ppm
NIOSH REL	Short-term value: 950 mg/m <sup>3</sup> , 200 ppm Long-term value: 710 mg/m <sup>3</sup> , 150 ppm
OSHA PEL	710 mg/m <sup>3</sup> , 150 ppm

#### 1330-20-7 Xylene (mix)

ACGIH TLV	Short-term value: 150 ppm Long-term value: 100 ppm A4, BEI
NIOSH REL	Short-term value: 655 mg/m <sup>3</sup> , 150 ppm Long-term value: 435 mg/m <sup>3</sup> , 100 ppm (o-, m-, & p-isomers)
OSHA PEL	435 mg/m <sup>3</sup> , 100 ppm

#### 100-41-4 ethylbenzene

ACGIH TLV	Short-term value: 125 ppm Long-term value: 100 ppm (-); BEI
NIOSH REL	Short-term value: 545 mg/m <sup>3</sup> , 125 ppm Long-term value: 435 mg/m <sup>3</sup> , 100 ppm
OSHA PEL	435 mg/m <sup>3</sup> , 100 ppm

· Additional information: The lists that were valid during the creation were used as basis.

· Personal protective equipment:

· General protective and hygienic measures: 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.

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. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· 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.

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· **Eye protection:**

Tightly sealed goggles

### 9 Physical and chemical properties

· **General Information**

**Form:** Fluid  
**Color:** According to product specification  
**Odor:** Characteristic

· **Change in condition**

**Melting point/Melting range:** Undetermined.  
**Boiling point/Boiling range:** 114°C (237°F)

· **Flash point:** 17°C (63°F)· **Ignition temperature:** 370.0°C (698°F)· **Auto igniting:** Product is not selfigniting.· **Danger of explosion:** Product is not explosive. However, formation of explosive air/vapor mixtures are possible.· **Density:** Not determined.· **Solubility in / Miscibility with**

**Water:** Not miscible or difficult to mix.

### 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.

### 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

· **General notes:** Not known to be hazardous to water.

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## 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:** II
- **Proper shipping name (technical name):** Paint

### · Land transport ADR/RID (cross-border):



- **ADR/RID class:** 3 Flammable liquids
- **Item:** 5b
- **Danger code (Kemler):** 33
- **UN-Number:** 1263
- **Description of goods:** 1263 Paint

### · Maritime transport IMDG:



- **IMDG Class:** 3.2
- **Page:** 3268
- **UN Number:** 1263
- **Packaging group:** II
- **EMS Number:** 3-05
- **MFAG:** 310,313
- **Marine pollutant:** No
- **Proper shipping name:** Paint

### · Air transport ICAO-TI and IATA-DGR:



- **ICAO/IATA Class:** 3
- **UN/ID Number:** 1263
- **Packaging group:** II

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<b>· Proper shipping name:</b>	Paint
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## 15 Regulations

**· Sara**

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

None of the ingredient is listed.

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

108-10-1	4-methylpentan-2-one
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1330-20-7	Xylene (mix)
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100-41-4	ethylbenzene
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**· TSCA (Toxic Substances Control Act):**

108-10-1	4-methylpentan-2-one
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123-86-4	n-butyl acetate
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1330-20-7	Xylene (mix)
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100-41-4	ethylbenzene
----------	--------------

108-65-6	2-methoxy-1-methylethyl acetate
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**· Proposition 65**

**· Chemicals known to cause cancer:**

None of the ingredients is listed.

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

None of the ingredients is listed.

**· Product related hazard informations:**

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

**· Hazard symbols:**

Highly flammable

**· Risk phrases:**

Highly flammable.

**· Safety phrases:**

Keep container in a well-ventilated place.

Keep away from sources of ignition - No smoking.

Do not breathe gas/fumes/vapour/spray.

Avoid contact with eyes.

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

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

**· National regulations:**

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

**· Technical instructions (air):**

Class	Share in %
II	7.9
III	17.7

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**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

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