

Safety Data Sheet acc. to OSHA HCS

Printing date 12/16/2019

Reviewed on 12/16/2019

1 Identification

- **Product identifier**
- **Trade name:** HB6667 HB SERIES BASE COAT PURE WHITE
- **Article number:** HB6667
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**

BHG Import Exports Inc.
715 N Central Ave. Suite 213
Glendale CA 91203
United States

- **Information department:** Product safety department
- **Emergency telephone number:**
FOR USA AND CANADA: 1-800 424- 9300
OUTSIDE USA AND CANADA: +1 703 -527- 3887
CHEMTREC# 628320

2 Hazard(s) identification

- **Classification of the substance or mixture**



GHS02 Flame

Flam. Liq. 2 H225 Highly flammable liquid and vapor.



GHS08 Health hazard

Carc. 2 H351 Suspected of causing cancer.

- **Label elements**
- **GHS label elements**
The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms**



GHS02 GHS08

- **Signal word** Danger
- **Hazard-determining components of labeling:**
titanium dioxide

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- **Hazard statements**

Highly flammable liquid and vapor.
Suspected of causing cancer.

- **Precautionary statements**

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Keep container tightly closed.
Ground/bond container and receiving equipment.
Use explosion-proof electrical/ventilating/lighting/equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.
Wear protective gloves/protective clothing/eye protection/face protection.
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
If exposed or concerned: Get medical advice/attention.
In case of fire: Use for extinction: CO₂, powder or water spray.
Store in a well-ventilated place. Keep cool.
Store locked up.
Dispose of contents/container in accordance with local/regional/national/international regulations.

- **Classification system:**

- **NFPA ratings (scale 0 - 4)**



- **HMIS-ratings (scale 0 - 4)**

HEALTH	0	Health = 0
FIRE	3	Fire = 3
REACTIVITY	0	Reactivity = 0

- **Other hazards**

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3 Composition/information on ingredients

- **Chemical characterization: Mixtures**

- **Description:** Mixture of the substances listed below with nonhazardous additions.

- **Dangerous components:**

67-64-1	acetone	≤2.5%
13463-67-7	titanium dioxide	≤2.5%
98-56-6	4-chloro-alpha, alpha, alpha-trifluorotoluene	≤2.5%
100-41-4	ethylbenzene	≤2.5%

4 First-aid measures

- **Description of first aid measures**

- **General information:** Immediately remove any clothing soiled by the product.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.

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- **After skin contact:** Immediately rinse with water.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed**
No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**
CO₂, 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
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation.
- **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.
- **Protective Action Criteria for Chemicals**

· **PAC-1:**

67-64-1	acetone	200 ppm
13463-67-7	titanium dioxide	30 mg/m ³
123-86-4	n-butyl acetate	5 ppm
1330-20-7	xylene	130 ppm
110-43-0	heptan-2-one	150 ppm
100-41-4	ethylbenzene	33 ppm
71-36-3	butan-1-ol	60 ppm
108-88-3	toluene	67 ppm
119-64-2	1,2,3,4-tetrahydronaphthalene	1.6 ppm
112926-00-8	Precipitated silica (Silica-Amorphous)	18 mg/m ³
123-42-2	4-hydroxy-4-methylpentan-2-one	150 ppm
108-38-3	m-xylene	130 ppm
108-65-6	2-methoxy-1-methylethyl acetate	50 ppm
14808-60-7	Quartz (SiO ₂)	0.075 mg/m ³

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57-55-6	Propylene glycol	30 mg/m ³
78-83-1	butanol	150 ppm

· PAC-2:

67-64-1	acetone	3200* ppm
13463-67-7	titanium dioxide	330 mg/m ³
123-86-4	n-butyl acetate	200 ppm
1330-20-7	xylene	920* ppm
110-43-0	heptan-2-one	670 ppm
100-41-4	ethylbenzene	1100* ppm
71-36-3	butan-1-ol	800 ppm
108-88-3	toluene	560 ppm
119-64-2	1,2,3,4-tetrahydronaphthalene	17 ppm
112926-00-8	Precipitated silica (Silica-Amorphous)	200 mg/m ³
123-42-2	4-hydroxy-4-methylpentan-2-one	350 ppm
108-38-3	m-xylene	920 ppm
108-65-6	2-methoxy-1-methylethyl acetate	1,000 ppm
14808-60-7	Quartz (SiO ₂)	33 mg/m ³
57-55-6	Propylene glycol	1,300 mg/m ³
78-83-1	butanol	1,300 ppm

· PAC-3:

67-64-1	acetone	5700* ppm
13463-67-7	titanium dioxide	2,000 mg/m ³
123-86-4	n-butyl acetate	3000* ppm
1330-20-7	xylene	2500* ppm
110-43-0	heptan-2-one	4000* ppm
100-41-4	ethylbenzene	1800* ppm
71-36-3	butan-1-ol	8000** ppm
108-88-3	toluene	3700* ppm
119-64-2	1,2,3,4-tetrahydronaphthalene	100 ppm
112926-00-8	Precipitated silica (Silica-Amorphous)	1,200 mg/m ³
123-42-2	4-hydroxy-4-methylpentan-2-one	2100* ppm
108-38-3	m-xylene	2500* ppm
108-65-6	2-methoxy-1-methylethyl acetate	5000* ppm
14808-60-7	Quartz (SiO ₂)	200 mg/m ³
57-55-6	Propylene glycol	7,900 mg/m ³
78-83-1	butanol	8000* ppm

7 Handling and storage

· Handling:

· **Precautions for safe handling** Open and handle receptacle with care.

· **Information about protection against explosions and fires:**

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

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Keep respiratory protective device available.

- **Conditions for safe storage, including any incompatibilities**
- **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.
- **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Control parameters**
- **Components with limit values that require monitoring at the workplace:**

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.

At this time, the other constituents have no known exposure limits.

67-64-1 acetone

PEL	Long-term value: 2400 mg/m ³ , 1000 ppm
REL	Long-term value: 590 mg/m ³ , 250 ppm
TLV	Short-term value: 1187 mg/m ³ , 500 ppm Long-term value: 594 mg/m ³ , 250 ppm BEI

100-41-4 ethylbenzene

PEL	Long-term value: 435 mg/m ³ , 100 ppm
REL	Short-term value: 545 mg/m ³ , 125 ppm Long-term value: 435 mg/m ³ , 100 ppm
TLV	Long-term value: 87 mg/m ³ , 20 ppm BEI

- **Ingredients with biological limit values:**

67-64-1 acetone

BEI	50 mg/L Medium: urine Time: end of shift Parameter: Acetone (nonspecific)
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100-41-4 ethylbenzene

BEI	0.7 g/g creatinine Medium: urine Time: end of shift at end of workweek Parameter: Sum of mandelic acid and phenylglyoxylic acid (nonspecific, semi-quantitative)
-	Medium: end-exhaled air Time: not critical Parameter: Ethyl benzene (semi-quantitative)

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

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- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
 Keep away from foodstuffs, beverages and feed.
 Immediately remove all soiled and contaminated clothing.
 Wash hands before breaks and at the end of work.
 Store protective clothing separately.
- **Breathing equipment:** Not required.
- **Protection of hands:**



Protective gloves

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. 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.
- **Eye protection:**



Tightly sealed goggles

9 Physical and chemical properties

· Information on basic physical and chemical properties

· General Information

· Appearance:

- | | |
|------------------------|------------------|
| Form: | Liquid |
| Color: | White |
| Odor: | Product specific |
| Odor threshold: | Not determined. |

- | | |
|------------------|---|
| pH-value: | Not determined (pH N/A in solvent coatings) |
|------------------|---|

· Change in condition

- | | |
|---------------------------------------|-------------------|
| Melting point/Melting range: | Undetermined. |
| Boiling point/Boiling range: | 55 °C (131 °F) |
| Flash point: | -17 °C (-62.6 °F) |
| Flammability (solid, gaseous): | Not applicable. |
| Ignition temperature: | 465 °C (869 °F) |

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· Decomposition temperature:	Not determined.
· Auto igniting:	Product is not selfigniting.
· Danger of explosion:	Product is not explosive. However, formation of explosive air/vapor mixtures are possible.
· Explosion limits:	
Lower:	2.6 Vol %
Upper:	13 Vol %
· Vapor pressure at 20 °C (68 °F):	233 hPa (174.8 mm Hg)
· Density at 20 °C (68 °F):	1.1726 g/cm ³ (9.7853 lbs/gal)
· Relative density	Not determined.
· Vapor density	Not determined.
· Evaporation rate	Not determined.
· Solubility in / Miscibility with Water:	Not miscible or difficult to mix.
· Partition coefficient (n-octanol/water):	Not determined.
· Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
· Solvent content:	
Organic solvents:	3.5 %
VOC content:	1.32 %
	331.6 g/l / 2.77 lb/gal
Solids content:	44.9 %
· Other information	No further relevant information available.

10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

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

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- **Additional toxicological information:**

The product shows the following dangers according to internally approved calculation methods for preparations:

- **Carcinogenic categories**

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

13463-67-7	titanium dioxide	2B
1330-20-7	xylene	3
100-41-4	ethylbenzene	2B
108-88-3	toluene	3
112926-00-8	Precipitated silica (Silica-Amorphous)	3
95-47-6	o-xylene	3
106-42-3	p-xylene	3
108-38-3	m-xylene	3
14808-60-7	Quartz (SiO ₂)	1

- **NTP (National Toxicology Program)**

14808-60-7	Quartz (SiO ₂)	K
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- **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

12 Ecological information

- **Toxicity**

- **Aquatic toxicity:** No further relevant information available.

- **Persistence and degradability** No further relevant information available.

- **Behavior in environmental systems:**

- **Bioaccumulative potential** No further relevant information available.

- **Mobility in soil** No further relevant information available.

- **Additional ecological information:**

- **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.

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**

- **Recommendation:**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

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- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

<ul style="list-style-type: none"> · UN-Number · DOT, IMDG, IATA 	UN1300
<ul style="list-style-type: none"> · UN proper shipping name · DOT · IMDG, IATA 	Turpentine substitute TURPENTINE SUBSTITUTE
<ul style="list-style-type: none"> · Transport hazard class(es) · DOT 	<div style="text-align: center;">  </div>
<ul style="list-style-type: none"> · Class · Label 	3 Flammable liquids 3
<ul style="list-style-type: none"> · IMDG, IATA 	<div style="text-align: center;">  </div>
<ul style="list-style-type: none"> · Class · Label 	3 Flammable liquids 3
<ul style="list-style-type: none"> · Packing group · DOT, IMDG, IATA 	II
<ul style="list-style-type: none"> · Environmental hazards: 	Not applicable.
<ul style="list-style-type: none"> · Special precautions for user · Hazard identification number (Kemler code): · EMS Number: · Stowage Category 	Warning: Flammable liquids 33 F-E, S-E B
<ul style="list-style-type: none"> · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code 	Not applicable.
<ul style="list-style-type: none"> · Transport/Additional information: · DOT · Quantity limitations 	On passenger aircraft/rail: 5 L On cargo aircraft only: 60 L
<ul style="list-style-type: none"> · IMDG · Limited quantities (LQ) · Excepted quantities (EQ) 	1L Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml

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· **UN "Model Regulation":**

UN 1300 TURPENTINE SUBSTITUTE, 3, II

15 Regulatory information

· **Safety, health and environmental regulations/legislation specific for the substance or mixture**
· **Sara**

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

None of the ingredients is listed.

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

1330-20-7 xylene

100-41-4 ethylbenzene

71-36-3 butan-1-ol

108-88-3 toluene

95-47-6 o-xylene

106-42-3 p-xylene

108-38-3 m-xylene

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

67-64-1 acetone

ACTIVE

13463-67-7 titanium dioxide

ACTIVE

98-56-6 4-chloro-alpha,alpha,alpha-trifluorotoluene

ACTIVE

123-86-4 n-butyl acetate

ACTIVE

9004-36-8 Cellulose Acetate Butyrate

ACTIVE

1330-20-7 xylene

ACTIVE

110-43-0 heptan-2-one

ACTIVE

100-41-4 ethylbenzene

ACTIVE

71-36-3 butan-1-ol

ACTIVE

108-88-3 toluene

ACTIVE

119-64-2 1,2,3,4-tetrahydronaphthalene

ACTIVE

123-42-2 4-hydroxy-4-methylpentan-2-one

ACTIVE

95-47-6 o-xylene

ACTIVE

106-42-3 p-xylene

ACTIVE

108-38-3 m-xylene

ACTIVE

64742-47-8 Distillates (petroleum), hydrotreated light

ACTIVE

108-65-6 2-methoxy-1-methylethyl acetate

ACTIVE

8002-74-2 Paraffin waxes and Hydrocarbon waxes

ACTIVE

14808-60-7 Quartz (SiO₂)

ACTIVE

57-55-6 Propylene glycol

ACTIVE

78-83-1 butanol

ACTIVE

· **Hazardous Air Pollutants**

1330-20-7 xylene

100-41-4 ethylbenzene

108-88-3 toluene

95-47-6 o-xylene

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106-42-3	<i>p</i> -xylene
108-38-3	<i>m</i> -xylene

· **Proposition 65**

· **Chemicals known to cause cancer:**

13463-67-7	titanium dioxide
98-56-6	4-chloro-alpha,alpha,alpha-trifluorotoluene
100-41-4	ethylbenzene
14808-60-7	Quartz (SiO ₂)

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

None of the ingredients is listed.

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

None of the ingredients is listed.

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

108-88-3	toluene
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· **Carcinogenic categories**

· **EPA (Environmental Protection Agency)**

67-64-1	acetone	I
1330-20-7	xylene	I
100-41-4	ethylbenzene	D
71-36-3	butan-1-ol	D
108-88-3	toluene	II
95-47-6	<i>o</i> -xylene	I
106-42-3	<i>p</i> -xylene	I
108-38-3	<i>m</i> -xylene	I

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

67-64-1	acetone	A4
13463-67-7	titanium dioxide	A4
1330-20-7	xylene	A4
100-41-4	ethylbenzene	A3
108-88-3	toluene	A4
95-47-6	<i>o</i> -xylene	A4
106-42-3	<i>p</i> -xylene	A4
108-38-3	<i>m</i> -xylene	A4
14808-60-7	Quartz (SiO ₂)	A2

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

13463-67-7	titanium dioxide
14808-60-7	Quartz (SiO ₂)

· **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

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- **Hazard pictograms**



GHS02 GHS08

- **Signal word** Danger

- **Hazard-determining components of labeling:**

titanium dioxide

- **Hazard statements**

Highly flammable liquid and vapor.

Suspected of causing cancer.

- **Precautionary statements**

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

Keep container tightly closed.

Ground/bond container and receiving equipment.

Use explosion-proof electrical/ventilating/lighting/equipment.

Use only non-sparking tools.

Take precautionary measures against static discharge.

Wear protective gloves/protective clothing/eye protection/face protection.

If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

IF exposed or concerned: Get medical advice/attention.

In case of fire: Use for extinction: CO2, powder or water spray.

Store in a well-ventilated place. Keep cool.

Store locked up.

Dispose of contents/container in accordance with local/regional/national/international regulations.

- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

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 SDS:** Environment protection department.

- **Contact:** Product Safety Dept.

- **Date of preparation / last revision** 12/16/2019 / 7

- **Abbreviations and acronyms:**

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

VOC: Volatile Organic Compounds (USA, EU)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

BEI: Biological Exposure Limit

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