

Safety Data Sheet

acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations


Printing date: December 18, 2017

Revision: December 18, 2017

1 Identification

- **Product identifier**
- **Trade name: HIGH SOLIDS PHENOLIC WHITE/GRAY PRIMER**
- **Product code:**
9070 (White)
9072 (Gray)
- **Recommended use and restriction on use**
- **Recommended use:** Coating material
- **Restrictions on use:** No relevant information available.
- **Details of the supplier of the Safety Data Sheet**
- **Manufacturer/Supplier:**
Rose Talbert Paint Company
901 Frink Street
PO BOX 2658
Cayce-West Columbia, SC 29171
Phone: 803.796.0324
Fax: 803.791.0648
Email: info@rosetalbertpaint.com
- **Emergency telephone number:**
ChemTel Inc.
(800)255-3924 (North America)
+1 (813)248-0585 (International)

2 Hazard(s) identification

- **Classification of the substance or mixture**
Flam. Liq. 2 H225 Highly flammable liquid and vapor.
Skin Irrit. 2 H315 Causes skin irritation.
Carc. 2 H351 Suspected of causing cancer.
Repr. 2 H361 Suspected of damaging fertility or the unborn child.
- **Label elements**
- **GHS label elements**
The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms:**

GHS02 GHS07 GHS08
- **Signal word:** Danger
- **Hazard statements:**
H225 Highly flammable liquid and vapor.
H315 Causes skin irritation.
H351 Suspected of causing cancer.
H361 Suspected of damaging fertility or the unborn child.
- **Precautionary statements:**
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.

(Cont'd. on page 2)

Safety Data Sheet

acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

Printing date: December 18, 2017

Revision: December 18, 2017

Trade name: HIGH SOLIDS PHENOLIC WHITE/GRAY PRIMER

(Cont'd. of page 1)

P210	Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P264	Wash thoroughly after handling.
P280	Wear protective gloves/protective clothing/eye protection.
P303+P361+P353	If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P370+P378	In case of fire: Use foam, powder, or carbon dioxide for extinction.
P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Other hazards** There are no other hazards not otherwise classified that have been identified.

3 Composition/information on ingredients

· **Chemical characterization: Mixtures**

· **Components:**

1317-65-3	limestone	15-25%
1330-20-7	xylene ⚠ Flam. Liq. 3, H226 ⚠ Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315	<20%
13463-67-7	titanium dioxide	<15%
7727-43-7	barium sulphate, natural	<10%
107-87-9	pentan-2-one ⚠ Flam. Liq. 2, H225 ⚠ Acute Tox. 4, H302; Eye Irrit. 2A, H319	<10%
7779-90-0	trizinc bis(orthophosphate)	<5%
1317-80-2	Rutile (TiO ₂) ⚠ Carc. 2, H351	<5%
64742-95-6	Solvent naphtha (petroleum), light arom. ⚠ Flam. Liq. 3, H226 ⚠ Asp. Tox. 1, H304	<2%
123-86-4	n-butyl acetate ⚠ Flam. Liq. 3, H226 ⚠ STOT SE 3, H336	<2%
108-10-1	4-methylpentan-2-one ⚠ Flam. Liq. 2, H225 ⚠ Carc. 2, H351 ⚠ Acute Tox. 4, H332; Eye Irrit. 2A, H319; STOT SE 3, H335	<2%

(Cont'd. on page 3)

Safety Data Sheet

acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

Printing date: December 18, 2017

Revision: December 18, 2017

Trade name: HIGH SOLIDS PHENOLIC WHITE/GRAY PRIMER

(Cont'd. of page 2)

78-83-1	butanol <ul style="list-style-type: none"> ⚠ Flam. Liq. 3, H226 ⚠ Eye Dam. 1, H318 ⚠ Skin Irrit. 2, H315; STOT SE 3, H335-H336 	<1%
100-41-4	ethylbenzene <ul style="list-style-type: none"> ⚠ Flam. Liq. 2, H225 ⚠ Carc. 2, H351; STOT RE 2, H373; Asp. Tox. 1, H304 ⚠ Acute Tox. 4, H332 	<1%
8052-41-3	Stoddard solvent <ul style="list-style-type: none"> ⚠ Flam. Liq. 3, H226 ⚠ STOT RE 1, H372; Asp. Tox. 1, H304 	<1%
22464-99-9	2-ethylhexanoic acid, zirconium salt <ul style="list-style-type: none"> ⚠ Repr. 2, H361 	<1%
1333-86-4	carbon black	<1%

Additional information:

For the listed ingredient(s), the identity and/or exact percentage(s) are being withheld as a trade secret.
 For the wording of the listed Hazard Statements, refer to section 16.

4 First-aid measures

Description of first aid measures

· **After inhalation:** Supply fresh air; consult doctor in case of complaints.

· **After skin contact:**

Immediately remove any clothing soiled by the product.
 Immediately wash with water and soap and rinse thoroughly.
 If skin irritation or rash occurs: Get medical advice/attention.

· **After eye contact:**

Remove contact lenses if worn.
 Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

· **After swallowing:**

Rinse out mouth and then drink plenty of water.
 Do not induce vomiting; immediately call for medical help.
 A person vomiting while lying on their back should be turned onto their side.

· **Most important symptoms and effects, both acute and delayed:**

Headache
 Coughing
 Dizziness
 Slight irritant effect on eyes.
 Irritant to skin and mucous membranes.

· **Danger:**

Suspected of causing cancer.
 Suspected of damaging fertility or the unborn child.

· **Indication of any immediate medical attention and special treatment needed:** Treat symptomatically.

5 Fire-fighting measures

· **Extinguishing media**

(Cont'd. on page 4)

Safety Data Sheet

acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

Printing date: December 18, 2017

Revision: December 18, 2017

Trade name: HIGH SOLIDS PHENOLIC WHITE/GRAY PRIMER

(Cont'd. of page 3)

- **Suitable extinguishing agents:**
Water fog / haze
Foam
Carbon dioxide
Gaseous extinguishing agents
Fire-extinguishing powder
- **For safety reasons unsuitable extinguishing agents:** Water stream.
- **Special hazards arising from the substance or mixture**
Formation of toxic gases is possible during heating or in case of fire.
- **Advice for firefighters**
- **Protective equipment:**
Wear self-contained respiratory protective device.
Wear fully protective suit.
- **Additional information:** Eliminate all ignition sources if safe to do so.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
Use respiratory protective device against the effects of fumes/dust/aerosol.
Wear protective equipment. Keep unprotected persons away.
Ensure adequate ventilation.
Keep away from ignition sources.
Protect from heat.
- **Environmental precautions**
Do not allow to enter sewers/ surface or ground water.
Inform respective authorities in case of seepage into water course or sewage system.
- **Methods and material for containment and cleaning up**
Absorb with non-combustible liquid-binding material (sand, diatomite, acid binders, universal binders).
Do not flush with water or aqueous cleansing agents
Send for recovery or disposal in suitable receptacles.
- **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.

7 Handling and storage

- **Handling**
- **Precautions for safe handling:**
Keep out of reach of children.
Avoid contact with the eyes and skin.
Avoid splashes or spray in enclosed areas.
Use only in well ventilated areas.
- **Information about protection against explosions and fires:**
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
Flammable gas-air mixtures may be formed in empty containers/receptacles.
Flammable liquid and vapor.

(Cont'd. on page 5)

Safety Data Sheet

acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

Printing date: December 18, 2017

Revision: December 18, 2017

Trade name: HIGH SOLIDS PHENOLIC WHITE/GRAY PRIMER

(Cont'd. of page 4)

- **Conditions for safe storage, including any incompatibilities**
- **Requirements to be met by storerooms and receptacles:**
Avoid storage near extreme heat, ignition sources or open flame.
- **Information about storage in one common storage facility:**
Store away from foodstuffs.
Store away from oxidizing agents.
- **Further information about storage conditions:**
Store in cool, dry conditions in well sealed receptacles.
Do not freeze.
- **Specific end use(s)** No relevant information available.

8 Exposure controls/personal protection

· **Control parameters**

· **Components with limit values that require monitoring at the workplace:**

1317-65-3 limestone

PEL (USA)	Long-term value: 15* 5** mg/m ³ **total dust **respirable fraction
REL (USA)	Long-term value: 10* 5** mg/m ³ **total dust **respirable fraction
TLV (USA)	TLV withdrawn

1330-20-7 xylene

PEL (USA)	Long-term value: 435 mg/m ³ , 100 ppm
REL (USA)	Short-term value: 655 mg/m ³ , 150 ppm Long-term value: 435 mg/m ³ , 100 ppm
TLV (USA)	Short-term value: 651 mg/m ³ , 150 ppm Long-term value: 434 mg/m ³ , 100 ppm BEI
EL (Canada)	Short-term value: 150 ppm Long-term value: 100 ppm
EV (Canada)	Short-term value: 650 mg/m ³ , 150 ppm Long-term value: 435 mg/m ³ , 100 ppm
LMPE (Mexico)	Short-term value: 150 ppm Long-term value: 100 ppm A4, IBE

13463-67-7 titanium dioxide

PEL (USA)	Long-term value: 15* mg/m ³ **total dust
REL (USA)	See Pocket Guide App. A
TLV (USA)	Long-term value: 10 mg/m ³ withdrawn from NIC
EL (Canada)	Long-term value: 10* 3** mg/m ³ **total dust; **respirable fraction; IARC 2B
EV (Canada)	Long-term value: 10 mg/m ³

(Cont'd. on page 6)

Safety Data Sheet

acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

Printing date: December 18, 2017

Revision: December 18, 2017

Trade name: HIGH SOLIDS PHENOLIC WHITE/GRAY PRIMER

(Cont'd. of page 5)

LMPE (Mexico)	total dust Long-term value: 10 mg/m ³ A4
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7727-43-7 barium sulphate, natural

PEL (USA)	Long-term value: 15* 5** mg/m ³ *total dust **respirable fraction
REL (USA)	Long-term value: 10* 5** mg/m ³ *total dust **respirable fraction
TLV (USA)	Long-term value: 5* mg/m ³ *inhalable fraction; E
EL (Canada)	Long-term value: 10* 3** mg/m ³ *total dust, **respirable fraction
EV (Canada)	Long-term value: 10 mg/m ³ total dust
LMPE (Mexico)	Long-term value: 10 mg/m ³

107-87-9 pentan-2-one

PEL (USA)	Long-term value: 700 mg/m ³ , 200 ppm
REL (USA)	Long-term value: 530 mg/m ³ , 150 ppm
TLV (USA)	Short-term value: 529 mg/m ³ , 150 ppm
EL (Canada)	Short-term value: 250 ppm Long-term value: 150 ppm
EV (Canada)	Short-term value: 150 ppm
LMPE (Mexico)	Short-term value: 150 ppm

123-86-4 n-butyl acetate

PEL (USA)	Long-term value: 710 mg/m ³ , 150 ppm
REL (USA)	Long-term value: 950 mg/m ³ , 200 ppm
TLV (USA)	Short-term value: 712 mg/m ³ , 150 ppm Long-term value: 238 mg/m ³ , 50 ppm
EL (Canada)	Long-term value: 20 ppm
EV (Canada)	Short-term value: 950 mg/m ³ , 200 ppm Long-term value: 710 mg/m ³ , 150 ppm
LMPE (Mexico)	Short-term value: 200 ppm Long-term value: 150 ppm

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

PEL (USA)	Long-term value: 410 mg/m ³ , 100 ppm
REL (USA)	Short-term value: 300 mg/m ³ , 75 ppm Long-term value: 205 mg/m ³ , 50 ppm
TLV (USA)	Short-term value: 307 mg/m ³ , 75 ppm Long-term value: 82 mg/m ³ , 20 ppm BEI
EL (Canada)	Short-term value: 75 ppm Long-term value: 20 ppm IARC 2B
EV (Canada)	Short-term value: 75 ppm

(Cont'd. on page 7)

Safety Data Sheet

acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

Printing date: December 18, 2017

Revision: December 18, 2017

Trade name: HIGH SOLIDS PHENOLIC WHITE/GRAY PRIMER

(Cont'd. of page 6)

LMPE (Mexico)	Long-term value: 205 mg/m ³ , 50 ppm Short-term value: 75 ppm Long-term value: 20 ppm A3, IBE
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78-83-1 butanol

PEL (USA)	Long-term value: 300 mg/m ³ , 100 ppm
REL (USA)	Long-term value: 150 mg/m ³ , 50 ppm
TLV (USA)	Long-term value: 152 mg/m ³ , 50 ppm
EL (Canada)	Long-term value: 50 ppm
EV (Canada)	Long-term value: 150 mg/m ³ , 50 ppm
LMPE (Mexico)	Long-term value: 50 ppm

100-41-4 ethylbenzene

PEL (USA)	Long-term value: 435 mg/m ³ , 100 ppm
REL (USA)	Short-term value: 545 mg/m ³ , 125 ppm Long-term value: 435 mg/m ³ , 100 ppm
TLV (USA)	Long-term value: 87 mg/m ³ , 20 ppm BEI
EL (Canada)	Long-term value: 20 ppm IARC 2B
EV (Canada)	Short-term value: 540 mg/m ³ , 125 ppm Long-term value: 435 mg/m ³ , 100 ppm
LMPE (Mexico)	Long-term value: 20 ppm

8052-41-3 Stoddard solvent

PEL (USA)	Long-term value: 2900 mg/m ³ , 500 ppm
REL (USA)	Long-term value: 350 mg/m ³ Ceiling limit value: 1800* mg/m ³ *15-min
TLV (USA)	Long-term value: 525 mg/m ³ , 100 ppm
EL (Canada)	Short-term value: 580 mg/m ³ Long-term value: 290 mg/m ³
EV (Canada)	Long-term value: 525 mg/m ³
LMPE (Mexico)	Long-term value: 100 ppm

22464-99-9 2-ethylhexanoic acid, zirconium salt

PEL (USA)	Long-term value: 5 mg/m ³ as Zr
REL (USA)	Long-term value: 5 mg/m ³ as Zr
TLV (USA)	Short-term value: 10 mg/m ³ Long-term value: 5 mg/m ³ As Zr
EL (Canada)	Short-term value: 10 mg/m ³ Long-term value: 5 mg/m ³ As Zr

1333-86-4 carbon black

(Cont'd. on page 8)

Safety Data Sheet

acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

Printing date: December 18, 2017

Revision: December 18, 2017

Trade name: HIGH SOLIDS PHENOLIC WHITE/GRAY PRIMER

(Cont'd. of page 7)

PEL (USA)	Long-term value: 3.5 mg/m ³
REL (USA)	Long-term value: 3.5* mg/m ³ *0.1 in presence of PAHs; See Pocket Guide Apps.A+C
TLV (USA)	Long-term value: 3* mg/m ³ *inhalable fraction
EL (Canada)	Long-term value: 3 mg/m ³ IARC 2B
EV (Canada)	Long-term value: 3.5 mg/m ³
LMPE (Mexico)	Long-term value: 3* mg/m ³ A3, *fracción inhalable

· Ingredients with biological limit values:

1330-20-7 xylene

BEI (USA)	1.5 g/g creatinine Medium: urine Time: end of shift Parameter: Methylhippuric acids
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108-10-1 4-methylpentan-2-one

BEI (USA)	1 mg/L Medium: urine Time: end of shift Parameter: MIBK
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100-41-4 ethylbenzene

BEI (USA)	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)

· Exposure controls

· General protective and hygienic measures:

- The usual precautionary measures for handling chemicals should be followed.
- Keep away from foodstuffs, beverages and feed.
- Wash hands before breaks and at the end of work.
- Do not inhale gases / fumes / aerosols.
- Avoid contact with the eyes and skin.
- Keep ignition sources away - Do not smoke.
- Pregnant women should strictly avoid inhalation or skin contact.

· Engineering controls: Provide adequate ventilation.

· Breathing equipment:

- Not required under normal conditions of use.
- NIOSH or EU approved dust respirator should be used for operations generating dust.
- Wear appropriate NIOSH respirator when ventilation is inadequate and occupational exposure limits are exceeded.

· Protection of hands:

(Cont'd. on page 9)

Safety Data Sheet

acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

Printing date: December 18, 2017

Revision: December 18, 2017

Trade name: HIGH SOLIDS PHENOLIC WHITE/GRAY PRIMER

(Cont'd. of page 8)



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

· **Eye protection:**



Safety glasses

· **Body protection:** Protective work clothing

· **Limitation and supervision of exposure into the environment**

No relevant information available.

9 Physical and chemical properties

· **Information on basic physical and chemical properties**

· **Appearance:**

Form: Liquid
Color: White
Gray

· **Odor:** Characteristic

· **Odor threshold:** Not determined.

· **pH-value:** Not determined.

· **Melting point/Melting range:** Not determined.

· **Boiling point/Boiling range:** >35 °C (>95 °F)

· **Flash point:** <23 °C (<73.4 °F)

· **Flammability (solid, gaseous):** Not applicable.

· **Auto-ignition temperature:** Not determined.

· **Decomposition temperature:** Not determined.

· **Danger of explosion:** Product is not explosive. However, formation of explosive air/vapor mixtures are possible.

· **Explosion limits**

Lower: Not determined.

Upper: Not determined.

· **Oxidizing properties:** Non-oxidizing.

· **Vapor pressure:** Not determined.

· **Density:**

Relative density: 1.5-1.7

Vapor density: Not determined.

Evaporation rate: Not determined.

· **Solubility in / Miscibility with**

Water: Slightly soluble.

(Cont'd. on page 10)

Safety Data Sheet

acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

Printing date: December 18, 2017

Revision: December 18, 2017

Trade name: HIGH SOLIDS PHENOLIC WHITE/GRAY PRIMER

(Cont'd. of page 9)

- **Partition coefficient (n-octanol/water):** Not determined.
- **Viscosity**
 - Dynamic:** Not determined.
 - Kinematic:** Not determined.
- **VOC content:** 406 g/L
- **Other information** No relevant information available.

10 Stability and reactivity

- **Reactivity:** No relevant information available.
- **Chemical stability:** Stable under normal temperatures and pressures.
- **Thermal decomposition / conditions to be avoided:**
Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
- **Possibility of hazardous reactions**
Highly flammable liquid and vapor.
Used empty containers may contain product gases which form explosive mixtures with air.
Can form explosive mixtures in air if heated above flash point and/or when sprayed or atomized.
- **Conditions to avoid** Keep ignition sources away - Do not smoke.
- **Incompatible materials** Oxidizers
- **Hazardous decomposition products**
Carbon monoxide and carbon dioxide
Hydrocarbons
Possible in traces:
Toxic metal compounds
Phosphorus oxides (e.g. P2O5)

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:** Based on available data, the classification criteria are not met.

· **LD/LC50 values that are relevant for classification:**

1330-20-7 xylene

Oral	LD50	4,300 mg/kg (rat)
Dermal	LD50	2,000 mg/kg (rabbit)

107-87-9 pentan-2-one

Oral	LD50	1,600 mg/kg (rat)
Dermal	LD50	6,500 mg/kg (rabbit)

7779-90-0 trizinc bis(orthophosphate)

Oral	LD50	>5,000 mg/kg (rat)
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64742-95-6 Solvent naphtha (petroleum), light arom.

Oral	LD50	>6,800 mg/kg (rat)
Dermal	LD50	>3,400 mg/kg (rab)

(Cont'd. on page 11)

Safety Data Sheet

acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

Printing date: December 18, 2017

Revision: December 18, 2017

Trade name: HIGH SOLIDS PHENOLIC WHITE/GRAY PRIMER

(Cont'd. of page 10)

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

Oral	LD50	2,080 mg/kg (rat)
Dermal	LD50	16,000 mg/kg (rab)
Inhalative	LC50/4h	8.3-16.6 mg/l (rat)

- **Primary irritant effect:**
- **On the skin:** Irritant to skin and mucous membranes.
- **On the eye:** Based on available data, the classification criteria are not met.
- **Sensitization:** May cause sensitisation by skin contact.

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

13463-67-7	titanium dioxide	2B
100-41-4	ethylbenzene	2B
1333-86-4	carbon black	2B
14808-60-7	quartz	1
108-10-1	4-methylpentan-2-one	2B

- **NTP (National Toxicology Program):**
Present in trace quantities.

14808-60-7	quartz	K
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· **OSHA-Ca (Occupational Safety & Health Administration):**

None of the ingredients are listed.

· **Probable route(s) of exposure:**

- Ingestion.
- Inhalation.
- Eye contact.
- Skin contact.

- **Germ cell mutagenicity:** Based on available data, the classification criteria are not met.
- **Carcinogenicity:** Suspected of causing cancer.
- **Reproductive toxicity:** Suspected of damaging fertility or the unborn child.
- **STOT-single exposure:** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure:** Based on available data, the classification criteria are not met.
- **Aspiration hazard:** Based on available data, the classification criteria are not met.

12 Ecological information

- **Toxicity**
- **Aquatic toxicity**
Toxic to aquatic life with long lasting effects.

1330-20-7 xylene

LC50	13.4 mg/l (pimephales promelas)
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- **Persistence and degradability** The product is partially biodegradable. Significant residuals remain.
- **Bioaccumulative potential:** No relevant information available.
- **Mobility in soil:** No relevant information available.
- **Ecotoxic effects:**
- **Remark:** Due to mechanical actions of the product (e.g. agglutinations), damages may occur.
- **Additional ecological information**

(Cont'd. on page 12)

Safety Data Sheet

acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

Printing date: December 18, 2017

Revision: December 18, 2017

Trade name: HIGH SOLIDS PHENOLIC WHITE/GRAY PRIMER



(Cont'd. of page 11)

- **General notes:** Avoid release to the environment.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No relevant information available.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**
Can be disposed of with household garbage after solidification following consultation with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations. The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes. Residual materials should be treated as hazardous.
- **Uncleaned packagings**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- | | |
|--|---|
| <ul style="list-style-type: none"> · UN-Number · DOT, ADR, IMDG, IATA | <p style="margin-left: 20px;">UN1263</p> |
| <ul style="list-style-type: none"> · UN proper shipping name · DOT, IATA · ADR, IMDG | <p style="margin-left: 20px;">Paint
PAINT</p> |
| <ul style="list-style-type: none"> · Transport hazard class(es) · DOT | <div style="margin-left: 20px;">  </div> |
| <ul style="list-style-type: none"> · Class · Label | <p style="margin-left: 20px;">3 Flammable liquids
3</p> |
| | |
| <ul style="list-style-type: none"> · ADR | <div style="margin-left: 20px;">  </div> |
| <ul style="list-style-type: none"> · Class · Label | <p style="margin-left: 20px;">3 (F1) Flammable liquids
3</p> |

(Cont'd. on page 13)

Safety Data Sheet

acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

Printing date: December 18, 2017

Revision: December 18, 2017

Trade name: HIGH SOLIDS PHENOLIC WHITE/GRAY PRIMER

(Cont'd. of page 12)

· **IMDG, IATA**



· **Class** 3 Flammable liquids
 · **Label** 3

· **Packing group**

· **DOT, ADR, IMDG, IATA** II

· **Environmental hazards**

Product contains environmentally hazardous substances: trizinc bis(orthophosphate)

· **Marine pollutant:**



Yes

· **Special precautions for user**

Warning: Flammable liquids

· **Danger code (Kemler):**

33

· **EMS Number:**

F-E,S-E

· **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not applicable.

· **Transport/Additional information:**

· **DOT**



Limited Quantity for packages less than 30 kg gross and inner packagings less than 5 L each.

Labeling as a Marine Pollutant is only required for bulk single package shipments. Bulk packaging consists of a maximum capacity of greater than 450 L (119 gallons) for a liquid and a maximum net mass greater than 400 kg (882 pounds) for a solid. (See 171.4(c))

· **ADR**



Limited Quantity for packages less than 30 kg gross and inner packagings less than 5 L each.

Marine pollutants packaged in single or combination packagings containing a net quantity per single or inner packaging of 5 L or less for liquids or having a net mass per single or inner packaging of 5 kg or less for solids are not subject to provisions relevant to marine pollutants. (See 5.2.1.8.1)

· **IMDG**



Limited Quantity for packages less than 30 kg gross and inner packagings less than 5 L each.

(Cont'd. on page 14)

Safety Data Sheet

acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

Printing date: December 18, 2017

Revision: December 18, 2017

Trade name: HIGH SOLIDS PHENOLIC WHITE/GRAY PRIMER

(Cont'd. of page 13)

Marine pollutants packaged in single or combination packagings containing a net quantity per single or inner packaging of 5 L or less for liquids or having a net mass per single or inner packaging of 5 kg or less for solids are not subject to provisions relevant to marine pollutants. (See 2.10.2.7)

· IATA



Limited Quantity for packages less than 30 kg gross and inner packagings less than 0.5 L each / 1 L net.

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **United States (USA)**
- **SARA**

· **Section 302 (extremely hazardous substances):**

None of the ingredients are listed.

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

None of the ingredients are listed.

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

Substance / component not listed individually, but listed under family group as Zinc salts.

1330-20-7	xylene
7727-43-7	barium sulphate, natural
7779-90-0	trizinc bis(orthophosphate)
108-10-1	4-methylpentan-2-one

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

All ingredients are listed.

· **Proposition 65 (California)**

· **Chemicals known to cause cancer:**

Reference to Crystalline Silica and/or Quartz is based on unbound respirable particles and is not generally applicable to product as supplied.

Reference to titanium dioxide is based on unbound respirable particles and is not generally applicable to product as supplied.

Reference to carbon black is based on unbound respirable particles and is not generally applicable to product as supplied.

13463-67-7	titanium dioxide
1317-80-2	Rutile (TiO ₂)
108-10-1	4-methylpentan-2-one
100-41-4	ethylbenzene
1333-86-4	carbon black
14808-60-7	quartz

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

(Cont'd. on page 15)

Safety Data Sheet

acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

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Revision: December 18, 2017

Trade name: HIGH SOLIDS PHENOLIC WHITE/GRAY PRIMER

(Cont'd. of page 14)

None of the ingredients are listed.

· Chemicals known to cause reproductive toxicity for males:

None of the ingredients are listed.

· Chemicals known to cause developmental toxicity:

108-10-1	4-methylpentan-2-one
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· EPA (Environmental Protection Agency):

1330-20-7	xylene	I
7727-43-7	barium sulphate, natural	D, CBD(inh), NL(oral)
7779-90-0	trizinc bis(orthophosphate)	D, I, II
108-10-1	4-methylpentan-2-one	I
100-41-4	ethylbenzene	D

· IARC (International Agency for Research on Cancer):

13463-67-7	titanium dioxide	2B
108-10-1	4-methylpentan-2-one	2B
100-41-4	ethylbenzene	2B
1333-86-4	carbon black	2B
14808-60-7	quartz	1

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

Present in trace quantities.

13463-67-7	titanium dioxide
1333-86-4	carbon black
14808-60-7	quartz

· Canadian Domestic Substances List (DSL):

All ingredients are listed.

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.

· Date of preparation / last revision December 18, 2017 / -

· Abbreviations and acronyms:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
 IMDG: International Maritime Code for Dangerous Goods
 DOT: US Department of Transportation
 IATA: International Air Transport Association
 CAS: Chemical Abstracts Service (division of the American Chemical Society)
 LC50: Lethal concentration, 50 percent
 LD50: Lethal dose, 50 percent
 PBT: Persistent, Bio-accumulable, Toxic
 vPvB: very Persistent and very Bioaccumulative
 NIOSH: National Institute for Occupational Safety and Health
 OSHA: Occupational Safety & Health Administration
 Flam. Liq. 2: Flammable liquids – Category 2
 Flam. Liq. 3: Flammable liquids – Category 3
 Acute Tox. 4: Acute toxicity – Category 4
 Skin Irrit. 2: Skin corrosion/irritation – Category 2

(Cont'd. on page 16)

Safety Data Sheet

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Printing date: December 18, 2017

Revision: December 18, 2017

Trade name: HIGH SOLIDS PHENOLIC WHITE/GRAY PRIMER

(Cont'd. of page 15)

Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A
Carc. 2: Carcinogenicity – Category 2
Carc. 2: Carcinogenicity – Category 2
Repr. 2: Reproductive toxicity – Category 2
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1
STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2
Asp. Tox. 1: Aspiration hazard – Category 1

Sources

Website, European Chemicals Agency (echa.europa.eu)
Website, US EPA Substance Registry Services (ofmpub.epa.gov/sor-internet/registry/substreg/home/overview/home.do)
Website, Chemical Abstracts Registry, American Chemical Society (www.cas.org)
Patty's Industrial Hygiene, 6th ed., Rose, Vernon, ed. ISBN: 978-0-470-07488-6
Casarett and Doull's Toxicology: The Basic Science of Poisons, 8th Ed., Klaassen, Curtis D., ed., ISBN: 978-0-07-176923-5.
Safety Data Sheets, Individual Manufacturers

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