

700-99-308-20

Material Safety Data Sheet
acc. to ISO/DIS 11014

Printing date 11/29/2005

Reviewed on 11/29/2005

1 Identification of substance

Trade name: RED OXIDE PRIMER H.S.
Product code: PM70099308
Manufacturer/Supplier: SEYMOUR OF SYCAMORE
917 Crosby Avenue
Sycamore, IL 60178
(815)-895-9101, www.seymourpaint.com



Information department: Health & Safety Department
Emergency information: CHEMTEL 1-800-255-3924, 813-248-0585 if located outside the U.S.

2 Composition/Data on components

Chemical Description: This product is a mixture of the substances listed below with nonhazardous additions.

Dangerous components:

67-64-1	Acetone	23.63%
74-98-6	propane	12.59%
108-88-3	Toluene	7.42%
106-97-8	n-butane	7.39%
64742-89-8	VM&P Naptha	5.95%
64-17-5	ethyl alcohol	3.89%
1309-37-1	red iron oxide pigment	3.53%
1330-20-7	xylene (mix)	3.34%
14807-96-6	Talc (Mg3H2(SiO3)4)	3.18%
123-86-4	n-butyl acetate	3.17%
108-65-6	PM acetate	2.34%
64742-47-8	Mineral Spirits	1.93%
110-19-0	isobutyl acetate	1.54%
67-63-0	isopropyl alcohol	1.09%

Additional information: For the wording of the listed risk phrases refer to section 3.

3 Hazards identification

Hazard description:  Irritant
Extremely flammable

Physical dangers: Danger! Extremely flammable liquid and vapor in a pressurized container. Vapors may cause flash fire. Keep away from heat, sparks, and flame.
Extremely flammable.
Irritating to eyes and respiratory system.
Vapours may cause drowsiness and dizziness
Keep out of the reach of children.

Effects of short-term overexposure: Vapors cause irritation to the eyes, nose, throat, skin, and central nervous system. Symptoms may include dizziness, throat irritation, headache, fatigue, swelling of eyes, and nausea.

Effects of chronic overexposure: May cause permanent brain and nervous system damage. Repeated overexposure can also damage kidneys, lungs, liver, heart, and blood. Intentional misuse by deliberately inhaling the contents may be harmful or fatal.

NFPA ratings (scale 0 - 4): Health = 1
Fire = 4
Reactivity = 3

HMSI-ratings (scale 0 - 4): Health= 1
Fire= 4
Physical Hazard= 3

4 First aid measures

After inhalation: If breathing is difficult, administer oxygen.
After skin contact: Remove contaminated clothing. Wash exposed area with soap and water.
After eye contact: Move to fresh air. Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
After swallowing: Contact physician or poison control center.

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5 Fire fighting measures

- Extinguishing agents:** CO₂, sand, 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

- Personal safety precautions:** Wear protective equipment. Keep unprotected persons away.
- Environmental safety precautions:** Do not allow product to reach sewage systems or ground water. Inform appropriate authorities in case of seepage into water course or sewage system.
- Measures for cleaning/collecting:** Do not flush with water or aqueous cleansing agents. Use diluted caustic solution. Soak up spills with inert absorbent material. Refer to section 13 for disposal information.

7 Handling and storage

- Fire/explosion protection:** Do not spray on a naked flame or any incandescent material. Do not smoke. Protect from electrostatic charges.
- Storage requirements:** Observe pressurized container storage regulations. Consult with your local authorities. Keep away from sources of heat and direct sunlight. Do not warehouse in subfreezing conditions.

8 Exposure controls and personal protection:**Components with limit values that require monitoring at the workplace:****74-98-6 propane**

- PEL 1800 mg/m³, 1000 ppm
REL 1800 mg/m³, 1000 ppm
TLV (4508) mg/m³, (2500) ppm

106-97-8 n-butane

- REL 1900 mg/m³, 800 ppm
TLV 1900 mg/m³, 800 ppm

64-17-5 ethyl alcohol

- PEL 1900 mg/m³, 1000 ppm
REL 1900 mg/m³, 1000 ppm
TLV 1880 mg/m³, 1000 ppm

1330-20-7 xylene (mix)

- PEL 435 mg/m³, 100 ppm
REL Short-term value: 655 mg/m³, 150 ppm
Long-term value: 435 mg/m³, 100 ppm
(o-, m-, & p-isomers)
TLV Short-term value: 651 mg/m³, 150 ppm
Long-term value: 434 mg/m³, 100 ppm
BEI

123-86-4 n-butyl acetate

- PEL 710 mg/m³, 150 ppm
REL Short-term value: 950 mg/m³, 200 ppm
Long-term value: 710 mg/m³, 150 ppm
TLV Short-term value: 950 mg/m³, 200 ppm
Long-term value: 713 mg/m³, 150 ppm

64742-47-8 Mineral Spirits

- TLV 200 mg/m³
As total hydrocarbon vapor; Skin; (P)

110-19-0 isobutyl acetate

- PEL 700 mg/m³, 150 ppm
REL 700 mg/m³, 150 ppm
TLV 713 mg/m³, 150 ppm

67-63-0 isopropyl alcohol

- PEL 980 mg/m³, 400 ppm
REL Short-term value: 1225 mg/m³, 500 ppm
Long-term value: 980 mg/m³, 400 ppm
TLV Short-term value: 984 mg/m³, 400 ppm
Long-term value: 492 mg/m³, 200 ppm

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Protective hygienic measures:	Keep away from foodstuffs and animal feed. Wash hands after use.
Breathing equipment:	A respirator is generally not necessary when using this product outdoors or in large open areas. In cases of inadequate ventilation, a respiratory protective device should be worn to prevent overexposure. Use suitable respiratory protective device in case of insufficient ventilation.
Protection of hands:	Due to missing tests, no glove material recommendation can be given.
Eye protection:	Protective gloves. The glove material has to be impermeable and resistant to the substance. No glove recommendation can be given. Tightly sealed goggles

9 Physical and chemical properties:**General Information:**

Form:	Aerosol
Color:	According to trade name description in section 1.
Odor:	Solvent
Boiling point/Boiling range:	-44°C (-47°F)
Flash point:	-19°C (-2°F)
Ignition temperature:	365.0°C (689°F)
Auto igniting:	Product is not self-igniting.
Danger of explosion:	Stable at normal temperatures. Can may burst when exposed to temperatures exceeding 120 degrees fahrenheit. In use, may form flammable/explosive vapour-air mixture.
Lower Explosion Limit:	1.7 Vol %
Upper Explosion Limit:	10.9 Vol %
Vapor Pressure:	40 PSI, 2750 hPa
Density:	Not determined.
Specific Gravity:	Between 0.77 and 0.90 (Water equals 1.00)
VOC content:	443.3 g/l / 3.70 lb/gl
VOC in weight percent (less acetone):	44.3 %
Solids content:	24.3 %

10 Stability and reactivity:

Conditions to be avoided:	Do not allow the can to exceed 120 degrees Fahrenheit. Stable at normal temperatures.
Possibility of Hazardous Reactions:	No dangerous reactions known.

11 Toxicological information:

Primary effect on the skin:	No irritant effect.
Primary effect on the eye:	Irritating effect.
Sensitization:	No sensitizing effects known.
Additional toxicological information:	Harmful

12 Ecological information

Other information:	This product does not contain any chlorofluorocarbons (CFC's), chlorinated solvents, or heavy metals (lead, mercury, cadmium, etc.). No specific ecological data is available for this product.
Aquatic toxicity:	Harmful to aquatic organisms. Hazardous for water, do not empty into drains.

13 Disposal considerations

DISPOSAL METHOD:	Dispose of in accordance with local, state, and federal regulations. Do not puncture, incinerate, or compact. Partially empty cans must be disposed of responsibly. Do not heat or cut empty containers with electric or gas torches.
Recommendation:	Empty cans should be recycled.

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14 Transport information:

Hazard class: 2.1
Identification number: N/A
Label: 2.1
ADR/RID class: 2 5F Gases
UN-Number: 1950
IMDG Class: 2.1
Packaging group: II
EMS Number: F-D,S-U
Marine pollutant: No
ICAO/IATA Class: 2.1
Propper shipping name: Aerosols, Flammable
 Consumer Commodity ORM-D

15 Regulations

SARA Section 355 (extremely hazardous substances):

None of the ingredients in this product are listed.

SARA Section 313 (Specific toxic chemical listings):

1330-20-7 | xylene (mix)

TSCA (Toxic Substances Control Act):

All ingredients are listed.

PROPOSITION 65 Chemicals known to cause cancer:

108-88-3 | Toluene

100-41-4 | ethyl benzene

PROPOSITION 65 Chemicals known to cause reproductive toxicity:

108-88-3 | Toluene

Canadian WHMIS: Class A, B5---Flammable Aerosols

EPA:

1330-20-7 | xylene (mix) D

110-19-0 | isobutyl acetate D

IARC:

Group 2B: The ingredient is possibly carcinogenic to humans. There is limited evidence of carcinogenicity.
 Group 3: The ingredient is unclassifiable as to its carcinogenicity to humans.

1309-37-1	red iron oxide pigment	3
1330-20-7	xylene (mix)	3
14807-96-6	Talc (Mg3H2(SiO3)4)	3
67-63-0	isopropyl alcohol	3

ACGIH TLVs:

A1-designates a confirmed human carcinogen.
 A2-designates a suspected human carcinogen.
 A3-designates an animal carcinogen.
 A4-designates "not classifiable as a human carcinogen".

64-17-5	ethyl alcohol	A4
1309-37-1	red iron oxide pigment	A4
1330-20-7	xylene (mix)	A4
110-19-0	isobutyl acetate	A4

NIOSH:

1333-86-4 | Carbon black

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.

Contact: Craig Swafford, Regulatory Affairs. Email: cswafford@seymourpaint.com