



Revision Date 09-Feb-2005

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product code 53378
Product name HIGH SOLIDS RED OXIDE SANDABLE PRIMER
Recommended Use Coating
Supplier Lawson Products, Inc.
1666 East Touhy Avenue
Des Plaines, IL 60018
(847)-827-9666
Emergency telephone number (888) 426-4851

2. HAZARDS IDENTIFICATION

Emergency Overview

Irritant. Extremely flammable.

Color Red

Odor Solvent

Form Aerosol

Aggravated Medical Conditions Reports have associated prolonged overexposure to solvents with permanent brain and nervous system damage.

Principal Routes of Exposure Eyes. Inhalation.

Potential health effects

Eyes Irritation. Swelling.

Skin Skin Irritation.

Inhalation May cause irritation of the nose and throat. Central nervous system effects. Dizziness. Headaches. Fatigue. Exposure to hot fumes may cause nausea and damage to respiratory system.

Ingestion No information available

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Propane	74-98-6	10-30
N-Butane	106-97-8	5-10
Acetone	67-64-1	10-30
Toluene	108-88-3	5-10
Light Aliphatic Naptha Solvent	64742-89-8	5-10
Ethyl alcohol	64-17-5	1-5
Iron Oxide	1309-37-1	3.5
Xylene (mix)	1330-20-7	1-5
Talc (Mg ₃ H ₂ (SiO ₃) ₄)	14807-96-6	1-5
n-Butyl acetate	123-86-4	1-5
PM Acetate	108-65-6	0.5-1.5
Mineral Spirits	64742-47-8	1-5
Isobutyl acetate	110-19-0	1-5
Isopropyl Alcohol	67-63-0	0.5-1.5

4. FIRST AID MEASURES

Eye contact	Remove to fresh air. Rinse thoroughly with plenty of water, also under the eyelids. Seek medical attention if irritation persists.
Skin contact	Wash area thoroughly with soap and water. Remove and wash contaminated clothing before re-use.
Ingestion	Call a physician or Poison Control Center immediately.
Inhalation	Move to fresh air. Provide oxygen or artificial respiration if necessary. Keep warm and quiet. Consult a physician.

5. FIRE FIGHTING MEASURES

Flash point °C	-19
Flash point °F	-2
Method	No information available

Autoignition temperature °C	No data available
Autoignition temperature °F	

Flammability Limits (% in Air)	
Upper	13.0
Lower	1.7

Specific Information for Aerosol Products

Flame extension	15"
Flashback	None

Suitable extinguishing media

Carbon dioxide (CO₂). Water spray. alcohol-resistant foam. Sand.

Extinguishing media which must NOT be used for safety reasons

No information available.

Special Fire-Fighting Procedures

None known.

Fire and Explosion Hazards

Firefighters should wear NIOSH/MSHA approved (or equivalent) self-contained pressure-demand breathing apparatus and full protective clothing.

Sensitivity to shock

No information available.

Sensitivity to static discharge

No information available.

6. ACCIDENTAL RELEASE MEASURES**Methods for cleaning up**

Personnel should wear appropriate protective equipment. Follow all precautions for handling. Please refer to appropriate sections of MSDS for additional information. Evacuate area of unprotected and unnecessary personnel. Do not allow product to reach sewage system, soil, surface or ground water, or any water course. Notify proper authorities if entry occurs. Do not flush with water or aqueous cleansing agents. Use diluted caustic solution. Soak up with inert absorbent material. Dispose of absorbent in accordance with local, state and federal regulations.

7. HANDLING AND STORAGE**Handling**

Protect against electrostatic charges. Do not smoke.

Storage

Small pressurized containers of flammable product may be stored in areas suitable for ordinary combustibles with respect to construction, drainage, control of ignition sources, and ventilation except that they should not be stored in basements. Keep away from heat. Keep away from direct sunlight. Do not freeze.

NFPA Storage Code

Store as Level 3 Aerosol (NFPA 30B)

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Exposure limits**

Chemical Name	OSHA PEL (TWA)	OSHA PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
Acetone	1000 ppm 2400 mg/m ³	-	500 ppm	750 ppm
Propane	1000 ppm 1800 mg/m ³	-	1000 ppm listed under aliphatic hydrocarbon gases alkane C1-C4	-
Toluene	200 ppm	300 ppm	50 ppm	-
N-Butane	-	-	1000 ppm listed under aliphatic hydrocarbon gases alkane C1-C4	-
Light Aliphatic Naptha Solvent	-	-	-	-
Ethyl alcohol	1000 ppm 1900 mg/m ³	-	1000 ppm	-
Iron Oxide	10 mg/m ³	-	1 mg/m ³ as Fe 5 mg/m ³ dust and fume, as Fe	-
Xylene (mix)	100 ppm 435 mg/m ³	-	100 ppm	150 ppm
Talc (Mg ₃ H ₂ (SiO ₃) ₄)	-	-	2 mg/m ³ respirable fraction, particulate matter containing no asbestos and < 1% crystalline silica	-
n-Butyl acetate	150 ppm 710 mg/m ³	-	150 ppm	200 ppm
PM Acetate	-	-	-	-
Mineral Spirits	-	-	-	-
Isobutyl acetate	150 ppm 700 mg/m ³	-	150 ppm	-
Isopropyl Alcohol	400 ppm 980 mg/m ³	-	200 ppm	400 ppm

Ventilation and Environmental Controls

Adequate ventilation should be provided to keep exposure levels below current acceptable exposure limits.

Hygiene measures

Keep away from food, drink and animal feeding stuffs. Wash hands before breaks and immediately after handling the product.

Personal protective equipment

Respiratory protection

None necessary under normal conditions. Use NIOSH approved respirator if TLV limit is exceeded.

Hand protection

Protective gloves. Impervious gloves.

Eye protection

Tightly fitting safety goggles.

Skin and body protection

No information available

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Aerosol	Color	Red
Odor	Solvent	Odor Threshold	No information available
pH	No data available	Specific Gravity	0.77-0.90
Vapor pressure	No data available	Vapor density	No data available
Evaporation Rate	No data available	VOC Content	51.7 %
Water solubility	No data available	Partition Coefficient (n-octanol/water)	No data available
Boiling point/range °F	-47	Boiling point/range °C	-44
Melting point/range °F	No data available	Melting point/range °C	No data available
Flash point °F	-2	Flash point °C	-19

10. STABILITY AND REACTIVITY

Stability

Stable under normal conditions.

Conditions to avoid

Do not store in temperatures above 120 degrees F.

Materials to avoid

No information available

Hazardous decomposition products

None known.

Polymerization

No information available

Synergistic Products

No information available.

11. TOXICOLOGICAL INFORMATION

Component Information

Chemical Name	LD50 (oral, rat)	LD50 (dermal, rat/rabbit)	LC50 (inhalation, rat)
Acetone 67-64-1	5800 mg/kg	-	44 g/m ³ 50100 mg/m ³
Propane 74-98-6	-	-	-
Toluene 108-88-3	636 mg/kg	14100 µL/kg	400 mg/kg 49 g/m ³
N-Butane 106-97-8	-	-	658 g/m ³ 680 g/m ³

<i>Light Aliphatic Naptha Solvent</i> 64742-89-8	-	-	-
<i>Ethyl alcohol</i> 64-17-5	7060 mg/kg	-	20000 ppm 39 g/m ³
<i>Iron Oxide</i> 1309-37-1	30 g/kg	-	-
<i>Xylene (mix)</i> 1330-20-7	4300 mg/kg	1700 mg/kg	5000 ppm
<i>Talc (Mg3H2(SiO3)4)</i> 14807-96-6	-	-	-
<i>n-Butyl acetate</i> 123-86-4	10768 mg/kg	17600 mg/kg	2000 ppm 6 g/m ³
<i>PM Acetate</i> 108-65-6	8532 mg/kg	5 g/kg	-
<i>Mineral Spirits</i> 64742-47-8	-	-	-
<i>Isobutyl acetate</i> 110-19-0	13400 mg/kg	17400 mg/kg	-
<i>Isopropyl Alcohol</i> 67-63-0	5045 mg/kg	12800 mg/kg	16000 mg/kg

Potential health effects**Sensitization**

No information available.

Mutagenic effects

No information available.

Reproductive toxicity

No information available

Carcinogenic effects

See table below

Chronic toxicity

No information available.

Teratogenic effects

No information available

Target Organ Effects

No information available

Chemical Name	ACGIH OEL - Carcinogens	IARC	NTP - Known Carcinogens	NTP - Suspected Human Carcinogens	OSHA RTK Carcinogens
Acetone	A4 - Not Classifiable as a Human Carcinogen	-	-	-	-
Propane	-	-	-	-	-
Toluene	A4 - Not Classifiable as a Human Carcinogen	-	-	-	-
N-Butane	-	-	-	-	-
Light Aliphatic Naptha Solvent	-	-	-	-	-
Ethyl alcohol	A4 - Not Classifiable as a Human Carcinogen	-	-	-	-
Iron Oxide	A4 - Not Classifiable as a Human Carcinogen (dust and fume, as Fe)	-	-	-	-
Xylene (mix)	A4 - Not Classifiable as a Human Carcinogen	-	-	-	-
Talc (Mg3H2(SiO3)4)	A4 - Not Classifiable as a Human Carcinogen (containing no asbestos fibers); A1 - Confirmed Human Carcinogen (containing asbestos fibers)	-	-	-	-
n-Butyl acetate	-	-	-	-	-
PM Acetate	-	-	-	-	-
Mineral Spirits	-	-	-	-	-
Isobutyl acetate	-	-	-	-	-
Isopropyl Alcohol	A4 - Not Classifiable as a Human Carcinogen	Group 1	-	-	Listed

12. ECOLOGICAL INFORMATION

Acetone

Water Flea Data*water flea LC50=0.0039 mg/L (48 h)**water flea EC50=12700 mg/L (48 h)*

Toluene

Microtox Data*Photobacterium phosphoreum EC50=19.7 mg/L (30 min)***Water Flea Data***water flea EC50=11.3 mg/L (48 h)**water flea EC50=310 mg/L (48 h)*

Ethyl alcohol

Microtox Data*Photobacterium phosphoreum EC50=34634 mg/L (30 min)**Photobacterium phosphoreum EC50=35470 mg/L (5 min)*

Xylene (mix)

Microtox Data*Photobacterium phosphoreum EC50=0.0084 mg/L (24 h)***Water Flea Data***water flea EC50=3.82 mg/L (48 h)*

n-Butyl acetate

Microtox Data*Photobacterium phosphoreum EC50=70.0 mg/L (5 min)**Photobacterium phosphoreum EC50=82.2 mg/L (15 min)**Photobacterium phosphoreum EC50=98.9 mg/L (30 min)***Water Flea Data***water flea EC50=44 mg/L (48 h)*

Isopropyl Alcohol

Microtox Data*Photobacterium phosphoreum EC50=35390 mg/L (5 min)*

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products

Dispose in accordance with federal, state, and local regulations. Do not puncture or incinerate. Please recycle empty container whenever possible.

14. TRANSPORT INFORMATION

DOT

Consumer commodity (Toluene,Xylenes (isomers and mixture),Acetone),ORM-D,,RQ

TDG

AEROSOLS(Acetone,Propane), Class 2.1,UN1950,PG

IMDG/IMO

Aerosols(Acetone,Propane),UN1950,PG

IATA

Aerosols, flammable(Acetone,Propane),UN1950

Hazard Class 2.1

MEX

UN1950 Aerosols(Acetone,Propane),2.2,

15. REGULATORY INFORMATION

Chemical Name	US EPA SARA 313 Emission Reporting
Toluene	Listed
Xylene (mix)	Listed
Isopropyl Alcohol	Listed

State Regulations

Chemical Name	New Jersey - RTK	Pennsylvania - RTK	California Prop. 65
Acetone	Listed	Listed	Not Listed
Propane	Listed	Listed	Not Listed
Toluene	Listed	Listed	Developmental
N-Butane	Not Listed	Listed	Not Listed
Light Aliphatic Naptha Solvent	Not Listed	Not Listed	Not Listed
Ethyl alcohol	Listed	Listed	Developmental
Iron Oxide	Not Listed	Listed Listed	Not Listed
Xylene (mix)	Not Listed	Listed	Not Listed
Talc (Mg3H2(SiO3)4)	Not Listed	Listed	Not Listed
n-Butyl acetate	Listed	Listed	Not Listed
PM Acetate	Not Listed	Not Listed	Not Listed
Mineral Spirits	Not Listed	Not Listed	Not Listed
Isobutyl acetate	Listed	Listed	Not Listed
Isopropyl Alcohol	Not Listed	Listed Listed	Not Listed

International Inventories

Chemical Name	EINECS	DSL	NDSL	TSCA
Acetone	X	X	-	X
Propane	X	X	-	X
Toluene	X	X	-	X
N-Butane	X	X	-	X
Light Aliphatic Naptha Solvent	X	X	-	X
Ethyl alcohol	X	X	-	X
Iron Oxide	X	X	-	X
Xylene (mix)	X	X	-	X
Talc (Mg3H2(SiO3)4)	X	X	-	X
n-Butyl acetate	X	X	-	X
PM Acetate	X	X	-	X
Mineral Spirits	X	X	-	X
Isobutyl acetate	X	X	-	X
Isopropyl Alcohol	X	X	-	X

CPRC

This product has been classified in accordance with the hazard criteria of the Controlled Product Regulations and the MSDS contains all of the information required by the Controlled Product Regulations

16. OTHER INFORMATION

NFPA		HMIS	
Health	1	Health	-
Flammability	4	Flammability	-
Reactivity	3	Physical Hazard	-

Reason for revision No information available.

Prepared By T. Heidorn, MSDS Project Lead

The information accumulated herein is believed to be accurate, but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.