

Lawson

HSP Sandable Gray Primer

Material Safety Data Sheet

Revision Date 23-Mar-2011

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Product code 53379
Product name HSP Sandable Gray 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

Extremely flammable. Contents under pressure. Irritating to eyes.
Harmful by inhalation. Build up of explosive mixture possible without sufficient ventilation.

Aggravated Medical Conditions
None Known.

Principal Routes of Exposure
Eyes. Inhalation.

Potential health effects

Eyes Exposure to vapors will cause the following effects.
Irritation.

Skin No adverse affects expected.

Inhalation Exposure to vapors will cause the following effects.
Narcosis. Possible risk of harm to the unborn fetus.
Repeated and prolonged exposure to solvents may cause brain and nervous system damage. Extreme overexposure may cause. Kidney damage. Lung damage. Liver damage. Cardiac abnormalities.
Damage to blood. Misuse by deliberately concentrating vapors and inhaling contents can be harmful or fatal.

Ingestion May be harmful if swallowed.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Acetone	67-64-1	10-30
Propane	74-98-6	7-13
N-Butane	106-97-8	5-10
Toluene	108-88-3	5-10
Light Aliphatic Naptha Solvent	64742-89-8	3-7
Xylene (mix)	1330-20-7	3-7
Ethyl Alcohol	64-17-5	1-5

n-Butyl acetate	123-86-4	1-5
Mineral Spirits	64742-47-8	1-5
Isobutyl acetate	110-19-0	1-5
PM Acetate	108-65-6	0.5-1.5
Ethyl benzene	100-41-4	0.1-1
Carbon Black	1333-86-4	< 0.1

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 Remove and wash contaminated clothing before re-use. Wash area thoroughly with soap and water.

Ingestion Call a physician or Poison Control Center immediately.

Inhalation Move to fresh air. If symptoms persist, call a physician.

5. FIRE FIGHTING MEASURES

Flash point °C -19
Flash point °F -2
Method Pensky-Martens C.C.

Autoignition temperature °C Product is not self-igniting
Autoignition temperature °F

Flammability Limits (% in Air)
Upper 10.9%
Lower 1.7%

Suitable extinguishing media

Carbon dioxide (CO₂). Dry powder. Water spray. Alcohol-resistant foam. Sand.

Special protective equipment for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

Fire and Explosion Hazards

Aerosol containers may vent, rupture or burst when heated to temperatures above 120°F. Vapors may form explosive mixture in air between upper and lower explosive limits which can be ignited by many sources, such as pilot lights, open flames, electrical motors and switches.

Sensitivity to shock

No information available.

Sensitivity to static discharge

Yes. Take precautionary measures against static discharges.

6. ACCIDENTAL RELEASE MEASURES

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. Ventilate area to maintain exposure below permissible exposure limits. Do not allow product to reach sewage system, soil, surface or ground water, or any water course. Notify proper authorities if entry occurs.

7. HANDLING AND STORAGE**Handling**

Do not spray on a naked flame or any other incandescent material. Do not smoke. Protect against electrostatic charges.

Storage

Observe pressurized container storage regulations. Consult with local authorities..

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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	-
N-Butane	-	-	1000 ppm	-
Toluene	200 ppm	300 ppm	20 ppm	-
Light Aliphatic Naptha Solvent	-	-	-	-
Xylene (mix)	100 ppm 435 mg/m ³	-	100 ppm	150 ppm
Ethyl Alcohol	1000 ppm 1900 mg/m ³	-	-	1000 ppm
n-Butyl acetate	150 ppm 710 mg/m ³	-	150 ppm	200 ppm
Mineral Spirits	-	-	-	-
Isobutyl acetate	150 ppm 700 mg/m ³	-	150 ppm	-
PM Acetate	-	-	-	-
Ethyl benzene	100 ppm 435 mg/m ³	-	100 ppm	125 ppm
Carbon Black	3.5 mg/m ³	-	3.5 mg/m ³	-

Ventilation and Environmental Controls

Adequate ventilation should be provided to keep exposure levels below current acceptable exposure limits. Ensure adequate ventilation, especially in confined areas. Exhaust fans should be explosion proof or set up in a way that explosive concentrations of solvent vapors are not exposed to electrical fixtures or hot surfaces.

Hygiene measures

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

Respiratory protection

None required if adequate ventilation is provided. Wear a NIOSH approved respirator when mixing or applying product in a poorly ventilated area. Use NIOSH approved respirator if TLV limit is exceeded.

Hand Protection

Chemical resistant gloves. Consult glove manufacturer to determine the proper type for a specific operation.

Eye protection

Tightly fitting safety goggles.

Skin and body protection

None necessary under normal conditions

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Aerosol
Color	Gray
Odor	Aromatic
Odor Threshold	No information available
pH	No data available
Specific Gravity	0.77-0.85
Vapor pressure	40 PSI @ 70 F
Density	0.85 g/cm ³ @ 20° (68°F)
Vapor density	No data available
Evaporation Rate	No data available
Water solubility	No data available
VOC Content	50.9%; 572.8 g/l; 4.78 lb/gal
Solids content	25.6%
MIR value	1.13
Partition Coefficient (n-octanol/water)	No data available
Boiling point/range °C	-44
Boiling point/range °F	-47
Melting point/range °C	No data available
Melting point/range °F	No data available
Flash point °C	-19
Flash point °F	-2

10. STABILITY AND REACTIVITY**Stability**

Stable under normal conditions. Unstable at high temperatures. In use, may form flammable/explosive vapour-air mixture .

Conditions to avoid

Do not store in temperatures above 120 degrees F.

Product code 53379

Product name HSP Sandable
Gray Primer**Incompatibility**

None known.

Hazardous Decomposition Products

None known.

Polymerization

Hazardous polymerization does not occur

Target Organ Effects

Reports have associated prolonged overexposure to solvents with permanent brain and nervous system damage. Prolonged or repeated occupational overexposure may affect the following: Kidney. Lungs. Liver. Heart. Blood.

Carcinogenic effects

See table below

11. TOXICOLOGICAL INFORMATION**Component Information**

Chemical Name	LD50 (oral,rat)	LD50 (dermal,rat/rabbit)	LC50 (inhalation,rat)
Acetone 67-64-1	5800 mg/kg	-	-
Propane 74-98-6	-	-	658 mg/L
N-Butane 106-97-8	-	-	658 mg/L
Toluene 108-88-3	636 mg/kg	12124 mg/kg 8390 mg/kg	12.5 mg/L 26700 ppm
Light Aliphatic Naptha Solvent 64742-89-8	-	3000 mg/kg	-
Xylene (mix) 1330-20-7	4300 mg/kg	1700 mg/kg	47635 mg/L 5000 ppm
Ethyl Alcohol 64-17-5	7060 mg/kg	-	-
n-Butyl acetate 123-86-4	10768 mg/kg	17600 mg/kg	390 ppm
Mineral Spirits 64742-47-8	5000 mg/kg	2000 mg/kg	5.2 mg/L
Isobutyl acetate 110-19-0	13400 mg/kg	5000 mg/kg	-
PM Acetate 108-65-6	8532 mg/kg	5000 mg/kg	-
Ethyl benzene 100-41-4	3500 mg/kg	15354 mg/kg	17.2 mg/L
Carbon Black 1333-86-4	15400 mg/kg	3 g/kg	-

Synergistic Products

None known

Potential health effects**Sensitization**

None known

Chronic toxicity

None known

Mutagenic effects

None known

Teratogenic effects

None known

Reproductive toxicity

Possible risk of harm to the unborn fetus.

Chemical Name	ACGIH OEL - Carcinogens	IARC	NTP - Known Carcinogens	NTP - Suspected Human Carcinogens	OSHA RTK Carcinogens
Acetone	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Propane	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
N-Butane	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Toluene	Listed	Not Listed	Not Listed	Not Listed	Not Listed
Light Aliphatic Naptha Solvent	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Xylene (mix)	Listed	Not Listed	Not Listed	Not Listed	Not Listed
Ethyl Alcohol	Listed	Group 1	Not Listed	Not Listed	Listed
n-Butyl acetate	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Mineral Spirits	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Isobutyl acetate	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
PM Acetate	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Ethyl benzene	Listed	Group 2B	Not Listed	Not Listed	Listed
Carbon Black	Listed	Group 2B	Not Listed	Not Listed	Listed

12. ECOLOGICAL INFORMATION**Acetone****Microtox Data***Photobacterium phosphoreum* EC50=14500 mg/L (15 min)**Water Flea Data***water flea* hEC50 48 (0.0039 mg/L)*water flea* hEC50 48 (12700 mg/L)*Daphnia magna* hEC50 48 (12600 mg/L)*water flea* hEC50 48 (0.0039 mg/L)**Toluene****Microtox Data***Photobacterium phosphoreum* EC50=19.7 mg/L (30 min)**Water Flea Data***water flea* hEC50 48 (11.3 mg/L)*water flea* hEC50 48 (310 mg/L)*Daphnia magna* hEC50 48 (11.3 mg/L)*water flea* hEC50 48 (11.3 mg/L)**Xylene (mix)****Microtox Data***Photobacterium phosphoreum* EC50=0.0084 mg/L (24 h)**Water Flea Data***water flea* hEC50 48 (3.82 mg/L)*Gammarus lacustris* hLC50 48 (0.6 mg/L)*water flea* hEC50 48 (3.82 mg/L)**Ethyl Alcohol**

Product code 53379

Product name HSP Sandable
Gray Primer**12. ECOLOGICAL INFORMATION****Microtox Data***Photobacterium phosphoreum* EC50=34634 mg/L (30 min)*Photobacterium phosphoreum* EC50=35470 mg/L (5 min)**Water Flea Data***Daphnia magna* hLC50 48 (9268 mg/L)*Daphnia magna* hEC50 24 (10800 mg/L)*Daphnia magna* hLC50 48 (9268 mg/L)**n-Butyl acetate****Microtox Data***Photobacterium phosphoreum* EC50=70.0 mg/L (5 min)*Photobacterium phosphoreum* EC50=82.2 mg/L (15 min)*Pseudomonas putida* EC50=959 mg/L (18 h)*Photobacterium phosphoreum* EC50=98.9 mg/L (30 min)**Water Flea Data***water flea* hEC50 48 (44 mg/L)**Mineral Spirits****Water Flea Data***Den-dronereides heteropoda* hLC50 96 (4720 mg/L)**Isobutyl acetate****Water Flea Data***Daphnia magna* hEC50 24 (168 mg/L)**PM Acetate****Water Flea Data***Daphnia magna* hEC50 48 (>500 mg/L)**Ethyl benzene****Microtox Data***Photobacterium phosphoreum* EC50=9.68 mg/L (30 min)*Nitrosomonas* EC50=96 mg/L (24 h)**Water Flea Data***Daphnia magna* hEC50 48 (1.8 - 2.4 mg/L)**Carbon Black****Water Flea Data***Daphnia magna* hEC50 24 (>5600 mg/L)**Aquatic toxicity**Harmful to aquatic organisms Do not let product
enter drains**13. DISPOSAL CONSIDERATIONS****Disposal Information**Dispose in accordance with federal, state, and local regulations. Do not
puncture or incinerate. Do not heat or cut empty containers with electric
or gas torches. Please recycle empty container whenever possible.**14. TRANSPORTATION INFORMATION****DOT**

Consumer commodity, ORM-D

TDG

Consumer commodity, ORM-D

15. REGULATORY INFORMATION**US EPA SARA 313**

Chemical Name	US EPA SARA 313 Emission Reporting
Toluene	Listed

Xylene (mix)	Listed
Ethyl benzene	Listed

State Regulations

Chemical Name	New Jersey - RTK	Pennsylvania - RTK	California Prop. 65
Acetone	Not Listed	Not Listed	Not Listed
Propane	Listed	Listed	Not Listed
N-Butane	Not Listed	Listed	Not Listed
Toluene	Listed	Listed	Development al
Light Aliphatic Naptha Solvent	Not Listed	Not Listed	Not Listed
Xylene (mix)	Not Listed	Listed	Not Listed
Ethyl Alcohol	Not Listed	Listed	not listed
n-Butyl acetate	Listed	Listed	Not Listed
Mineral Spirits	Not Listed	Not Listed	Not Listed
Isobutyl acetate	Listed	Listed	Not Listed
PM Acetate	Not Listed	Not Listed	Not Listed
Ethyl benzene	Listed	Listed	Carcinogen
Carbon Black	Not Listed	Listed	Carcinogen

WARNING: This product contains a chemical(s) known to the state of
California to cause cancer and birth defects or other reproductive harm**International Inventories**

Chemical Name	EINECS	DSL	NDSL	TSCA
Acetone	X	X	-	X
Propane	X	X	-	X
N-Butane	X	X	-	X
Toluene	X	X	-	X
Light Aliphatic Naptha Solvent	X	X	-	X
Xylene (mix)	X	X	-	X
Ethyl Alcohol	X	X	-	X
n-Butyl acetate	X	X	-	X
Mineral Spirits	X	X	-	X
Isobutyl acetate	X	X	-	X
PM Acetate	X	X	-	X
Ethyl benzene	X	X	-	X
Carbon Black	X	X	-	X

CPRThis 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**Health - 1
Flammability - 4
Reactivity - 3

Product code 53379

Product name **HSP Sandable
Gray Primer**

16. OTHER INFORMATION

HMIS

Health - 1

Flammability - 4

Physical Hazard - 3

Prepared By

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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.