



# Material Safety Data Sheet

Revision Date 27-Sep-2013

## 1. CHEMICAL PRODUCT AND COMPANY INFORMATION

**Product code** 53379  
**Product name** HSP Sandable Gray Primer  
**Recommended Use** Coating

**Supplier** Lawson Products, Inc.  
8770 W.Bryn Mawr Ave.- Suite 900  
Chicago, IL 60631  
1-866-529-7664

**Emergency telephone number** (888) 426-4851

## 2. HAZARDS IDENTIFICATION

### Emergency Overview

Extremely flammable liquid and vapor. Contents under pressure. Irritating to eyes. Harmful by inhalation. Keep out of reach of children.

### Aggravated Medical Conditions

None Known.

### Principal Routes of Exposure

Eyes. Inhalation. Ingestion.

### Potential health effects

**Eyes** Irritating to eyes.

**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. Dizziness. Drowsiness. 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
Titanium dioxide	13463-67-7	5-10

N-Butane	106-97-8	5-10
Toluene	108-88-3	5-10
Naphtha, petroleum, hydrotreated light	64742-49-0	3-7
Magnesium Silicate Hydrate	14807-96-6	1-5
Xylene (mix)	1330-20-7	3-7
Ethyl Alcohol	64-17-5	1-5
Mineral Spirits	64742-47-8	1-5
n-Butyl acetate	123-86-4	1-5
Calcium Borate	13701-64-9	1-5
Isobutyl acetate	110-19-0	1-5
Ethyl benzene	100-41-4	0.1-1
Carbon Black	1333-86-4	.1-1
Methyl alcohol	67-56-1	.1-1
Methylisobutyl ketone	108-10-1	0.1-1

## 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 (CO<sub>2</sub>). 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****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 <sup>3</sup>	-	500 ppm	750 ppm
Propane	1000 ppm 1800 mg/m <sup>3</sup>	-	1000 ppm	-
N-Butane	-	-	-	1000 ppm
Toluene	200 ppm	300 ppm	20 ppm	-
Ethyl Alcohol	1000 ppm 1900 mg/m <sup>3</sup>	-	-	1000 ppm
Isobutyl acetate	150 ppm 700 mg/m <sup>3</sup>	-	150 ppm	-
Ethyl benzene	100 ppm 435 mg/m <sup>3</sup>	-	20 ppm	-
Xylene (mix)	100 ppm 435 mg/m <sup>3</sup>	-	100 ppm	150 ppm
n-Butyl acetate	150 ppm 710 mg/m <sup>3</sup>	-	150 ppm	200 ppm
Mineral Spirits	-	-	-	-
Titanium dioxide	15 mg/m <sup>3</sup>	-	10 mg/m <sup>3</sup>	-
Magnesium Silicate Hydrate	-	-	2 mg/m <sup>3</sup>	-

Calcium Borate	-	-	-	-
Methylisobutyl ketone	100 ppm 410 mg/m <sup>3</sup>	-	20 ppm	75 ppm
Naphtha, petroleum, hydrotreated light	-	-	-	-
Carbon Black	3.5 mg/m <sup>3</sup>	-	3 mg/m <sup>3</sup>	-
Methyl alcohol	200 ppm 260 mg/m <sup>3</sup>	-	200 ppm	250 ppm

**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.

**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. Impervious 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**

<b>Form</b>	Aerosol
<b>Color</b>	No information available
<b>Odor</b>	Aromatic
<b>Odor Threshold</b>	No information available
<b>pH</b>	No data available
<b>Specific Gravity</b>	0.77-0.85
<b>Vapor pressure</b>	40 PSI, 2750 hPa
<b>Density</b>	0.85 g/cm <sup>3</sup> @ 20° (68°F)
<b>Vapor density</b>	No data available
<b>Evaporation Rate</b>	No data available
<b>Water solubility</b>	No data available
<b>VOC Content</b>	50.8%; 569.8 g/l; 4.76 lb/gal
<b>Solids content</b>	25.5%
<b>MIR value</b>	1.10
<b>Partition Coefficient (n-octanol/water)</b>	No data available
<b>Boiling point/range °C</b>	-110 C
<b>Boiling point/range °F</b>	-166 F
<b>Melting point/range °C</b>	No data available
<b>Melting point/range °F</b>	No data available
<b>Flash point °C</b>	-19
<b>Flash point °F</b>	-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.

**Incompatibility**

None known.

**Hazardous Decomposition Products**

None known.

**Polymerization**

Hazardous polymerization does not occur

**11. TOXICOLOGICAL INFORMATION****Component Information**

Chemical Name	LD50 (oral, rat)	LD50 (dermal, rat/rabbit)	LC50 (inhalation, rat)
Acetone 67-64-1	-	-	50100 mg/m <sup>3</sup>
Propane 74-98-6	-	-	658 mg/L
N-Butane 106-97-8	-	-	658 g/m <sup>3</sup>
Toluene 108-88-3	636 mg/kg	8390 mg/kg	12.5 mg/L 26700 ppm
Ethyl Alcohol 64-17-5	-	-	124.7 mg/L
Isobutyl acetate 110-19-0	13400 mg/kg	17400 mg/kg	-
Ethyl benzene 100-41-4	3500 mg/kg	15354 mg/kg	17.2 mg/L
Xylene (mix) 1330-20-7	4300 mg/kg	-	47635 mg/L
n-Butyl acetate 123-86-4	-	17600 mg/kg	390 ppm
Mineral Spirits 64742-47-8	5000 mg/kg	2000 mg/kg	5.2 mg/L
Titanium dioxide 13463-67-7	10000 mg/kg	-	-
Magnesium Silicate Hydrate 14807-96-6	-	-	-
Calcium Borate 13701-64-9	-	-	-
Methylisobutyl ketone 108-10-1	2080 mg/kg	16000 mg/kg	8.2 mg/L
Naphtha, petroleum, hydrotreated light 64742-49-0	5000 mg/kg	3160 mg/kg	73680 ppm
Carbon Black 1333-86-4	-	-	-

Methyl alcohol 67-56-1	5628 mg/kg	-	83.2 mg/L
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**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.

**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. Eyes.

**Other adverse effects**

Possible risk of harm to the unborn fetus .

**Carcinogenic effects**

See table below

Chemical Name	ACGIH OEL - Carcinogens	IARC	NTP - Known Carcinogens	NTP - Suspected Human Carcinogens	OSHA RTK Carcinogens
Acetone	A4	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	A4	Not Listed	Not Listed	Not Listed	Not Listed
Ethyl Alcohol	A3	Group 1	Not Listed	Not Listed	Listed
Isobutyl acetate	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Ethyl benzene	A3	Group 2B	Not Listed	Not Listed	Listed
Xylene (mix)	A4	Not Listed	Not Listed	Not Listed	Not 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
Titanium dioxide	A4	Group 2B	Not Listed	Not Listed	Listed
Magnesium Silicate Hydrate	A4	Not Listed	Not Listed	Not Listed	Not Listed
Calcium Borate	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Methylisobutyl ketone	A3	Group 2B	Not Listed	Not Listed	Listed
Naphtha, petroleum, hydrotreated light	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Carbon Black	A3	Group 2B	Not Listed	Not Listed	Listed
Methyl alcohol	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed

**12. ECOLOGICAL INFORMATION**Acetone**Microtox Data***Photobacterium phosphoreum* EC50=14500 mg/L (15 min)**Water Flea Data***Daphnia magna* EC5010294 - 17704 mg/L (48 h)*Daphnia magna* EC5012600 - 12700 mg/L (48 h)Toluene**Microtox Data***Photobacterium phosphoreum* EC50=19.7 mg/L (30 min)**Water Flea Data***Daphnia magna* EC505.46 - 9.83 mg/L (48 h)*Daphnia magna* EC50=11.5 mg/L (48 h)Naphtha, petroleum, hydrotreated light**Water Flea Data***Chaetogammarus marinus* LC50=2.6 mg/L (96 h)Xylene (mix)**Microtox Data***Photobacterium phosphoreum* EC50=0.0084 mg/L (24 h)**Water Flea Data***Gammarus lacustris* LC50=0.6 mg/L (48 h)*water flea* EC50=3.82 mg/L (48 h)Ethyl Alcohol**Microtox Data***Photobacterium phosphoreum* EC50=34634 mg/L (30 min)*Photobacterium phosphoreum* EC50=35470 mg/L (5 min)**Water Flea Data***Daphnia magna* LC509268 - 14221 mg/L (48 h)*Daphnia magna* EC50=10800 mg/L (24 h)*Daphnia magna* EC50=2 mg/L (48 h)Mineral Spirits**Water Flea Data***Den-dronereides heteropoda* LC50=4720 mg/L (96 h)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***Daphnia magna* EC50=72.8 mg/L (24 h)Isobutyl acetate**Water Flea Data***Daphnia magna* EC50=168 mg/L (24 h)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* EC501.8 - 2.4 mg/L (48 h)Carbon Black**Water Flea Data***Daphnia magna* EC50>5600 mg/L (24 h)Methylisobutyl ketone**Microtox Data***Photobacterium phosphoreum* EC50=79.6 mg/L (5 min)**Water Flea Data***Daphnia magna* EC50=170 mg/L (48 h)**Aquatic toxicity** Harmful to aquatic organisms Do not let product enter drains.**Ecotoxicity effects** This product does not contain any chlorofluorocarbons (CFC's), hydrochlorofluorocarbons (HCFC's), perfluorocarbons (PCF's), or chlorinated solvents.**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.

**Waste from residues / unused products**

Dispose in accordance with federal, state, and local regulations.

**14. TRANSPORTATION INFORMATION****DOT**

Consumer commodity, ORM-D. UN1950 Aerosols, flammable, 2.1.

**TDG**

Consumer commodity, ORM-D. UN1950 AEROSOLS, flammable, 2.1

**15. REGULATORY INFORMATION**

Chemical Name	US EPA SARA 313 Emission Reporting
Toluene	Listed
Ethyl benzene	Listed
Xylene (mix)	Listed
Methylisobutyl ketone	Listed
Methyl alcohol	Listed

**State Regulations**

Chemical Name	New Jersey - RTK	Pennsylvania - RTK	California Prop. 65
Acetone	Not Listed	Listed	Not Listed
Propane	Listed	Listed	Not Listed
N-Butane	Not Listed	Listed	Not Listed
Toluene	Listed	Listed	Development al Female Reproductive
Ethyl Alcohol	Not Listed	Listed	not listed
Isobutyl acetate	Listed	Listed	Not Listed
Ethyl benzene	Listed	Listed	Carcinogen
Xylene (mix)	Not Listed	Listed	Not Listed
n-Butyl acetate	Listed	Listed	Not Listed
Mineral Spirits	Not Listed	Not Listed	Not Listed
Titanium dioxide	Not Listed	Listed	Carcinogen
Magnesium Silicate Hydrate	Not Listed	Listed	Not Listed
Calcium Borate	Not Listed	Not Listed	Not Listed
Methylisobutyl ketone	Listed	Listed	Carcinogen
Naphtha, petroleum, hydrotreated light	Not Listed	Not Listed	Not Listed

Product code **53379**

Product name **HSP Sandable  
Gray Primer**

Chemical Name	New Jersey - RTK	Pennsylvania - RTK	California Prop. 65
Carbon Black	Not Listed	Listed	Carcinogen
Methyl alcohol	Listed	Listed	Developmental

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.

Chemical Name	Type
Toluene - 108-88-3	Female Reproductive

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
Ethyl Alcohol	X	X	-	X
Isobutyl acetate	X	X	-	X
Ethyl benzene	X	X	-	X
Xylene (mix)	X	X	-	X
n-Butyl acetate	X	X	-	X
Mineral Spirits	X	X	-	X
Titanium dioxide	X	X	-	X
Magnesium Silicate Hydrate	X	X	-	X
Calcium Borate	X	X	-	X
Methylisobutyl ketone	X	X	-	X
Naphtha, petroleum, hydrotreated light	X	X	-	X
Carbon Black	X	X	-	X
Methyl alcohol	X	X	-	X

**CPR**

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**

Health - 1  
Flammability - 4  
Reactivity - 3

**HMIS**

Health - 1  
Flammability - 4  
Physical Hazard - 3

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