

# MATERIAL SAFETY DATA SHEET

MSDS

Issued: July 4, 2014

Internal num: SDS 076-GHS

## 1. PRODUCT AND COMPANY

TRADE NAME: 90293A SPRAY PAINT IRON GATE BLACK

CHEM. NAME: Mixture

APPLICATION: Touch up paint. Use with adequate ventilation.

COMPANY: Sunnen Products Company

ADDRESS: 7910 Manchester Ave

POST ADDRESS: St. Louis, MO 63143 USA

PHONE: 314-781-2100

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## 2. HAZARD IDENTIFICATION

	Signal Word	Hazard classification	
PHYSICAL HAZARDS:	DANGER	Extremely flammable aerosol	Category 1
	WARNING	Gases under pressure	Liquefied gas
HEALTH HAZARDS:	WARNING	Suspected of causing cancer	Category 2
	WARNING	Aspiration hazard	Category 1
ENVIRONMENTAL HAZARDS:	NONE	Harmful to aquatic life with long lasting effects.	Category 3

OTHER HAZARDS:

LABEL ELEMENTS:



### PRECAUTIONARY STATEMENTS:

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P210 Keep away from heat/sparks/open flames/hot surfaces. -No smoking.

P211 Do not spray on an open flame or other ignition source.

P251 Pressurized container: Do not pierce or burn, even after use.

P273 Avoid release to the environment.

P281 Use personal protective equipment as required.

P301+310+P331 If SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do not induce vomiting.

P308+P313 IF exposed or concerned: Get medical advice/attention.

P405 Store locked up.

P410+P403 Protect from sunlight. Store in well-ventilated place.

P410-P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F

P501 Dispose of contents/container in accordance with regulations.

### 3. COMPOSITION OF PRODUCT

Name	CAS-no.	Wt%
Acetone	67-64-1	28
Xylene	1330-20-7	21
Propane	74-98-6	13
Butane	106-97-8	12
Ethylbenzene	100-41-4	4
Toluene	108-88-3	5
Amorphous precipitated Silica	112926-00-8	1
Carbon Black	1333-86-4	1

**INGREDIENT COMMENTS:** None

### 4. FIRST AID MEASURES

#### GENERAL

Contact with eyes will cause irritation.

#### AFTER INHALATION

Move the exposed person to fresh air at once. If there is difficulty breathing apply artificial respiration/oxygen. Contact physician.

#### AFTER CONTACT WITH SKIN

Wash the skin with soap and water. Get medical attention if irritation develops. Remove contaminated clothing and wash before reuse.

#### AFTER CONTACT WITH EYES

Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and consult a physician.

#### AFTER INGESTION

Immediately rinse mouth and provide fresh air. Do not induce vomiting. Get medical attention.

### 5. FIRE FIGHTING MEASURES

#### SUITABLE EXTINGUISHING MEDIA

Use: Water spray, dry chemical powder, carbon dioxide, alcohol resistant foam.

#### EXTINGUISHING MEDIA WHICH MUST NOT BE USED FOR SAFETY REASONS

None known.

#### SPECIAL EXPOSURE HAZARDS ARISING FROM SUBSTANCE OR PREPARATION ITSELF, COMBUSTION PRODUCTS, RESULTING GASES.

Emission of toxic fumes under fire conditions possible. Pressurized container may explode when exposed to heat or flame. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out. Do not move cargo if exposed to heat.

Use water spray to cool.

#### SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Wear self-contained breathing apparatus and protective clothing.

#### General Fire Hazards

Extremely flammable aerosol.

### 6. ACCIDENTAL RELEASE MEASURES

#### PERSONAL PRECAUTIONS

Shut off all heat and ignition sources. Avoid sparks, flames, heat and smoking. Thoroughly ventilate area before cleaning up spill. Wear protective equipment as required to prevent skin contact.

#### ENVIRONMENTAL PRECAUTIONS

Contain spill. Do not allow spill to enter drains, soil or waterway.

#### METHODS FOR CLEANING UP/TAKING UP

Eliminate all ignition sources, such as smoking, flames or sparks in area. Take up on absorbent

material and dispose of in fire proof container.

## 7. HANDLING AND STORAGE

### HANDLING

#### ADVICE ON SAFE HANDLING

FOR INDUSTRIAL USE ONLY. Not suitable for use around household or dwelling. Use only with adequate ventilation, ensuring fresh air entry during use as breathing vapors can cause dizziness, unconsciousness or coma. Use only around explosion proof equipment. Do not spray near sparks, heat or open flame as propellant may ignite creating a fire hazard. If eye watering, headache or dizziness is experienced, increase ventilation or seek fresh air. Vapors will accumulate readily and are potentially explosive. Do not spray near sparks, heat or open flame as propellant may ignite creating a fire hazard. Do not puncture can. Do not drop container as it may dent or use a deformed container. A deformed container has reduced expansion space and may develop dangerous pressure causing it to burst in a violent manner. Wash hands after using. Intentional misuse by deliberately concentrating and inhaling the contents of the aerosol can be harmful or fatal. Do not take internally. Do not smoke when spraying or if vapors are present. Read and observe cautions and warnings on container label. Vapors will accumulate readily and are potentially explosive.

#### ADVICE ON PROTECTION AGAINST FIRE AND EXPLOSION

Keep away from heat, sparks and open flame. Use only around explosion proof equipment.

#### FURTHER INFORMATION ON HANDLING

Towels, rags or other insulating absorbent fibrous media contaminated with any oil product should be stored in appropriate fireproof container that is emptied daily, to limit spontaneous combustion hazard.

### STORAGE

#### REQUIREMENTS FOR STORAGE ROOMS AND VESSELS

Store in well ventilated areas away from sources of ignition as damaged or leaking cans will release propellant which is highly flammable, heavier than air and may travel long distances to a source of ignition and flash back causing the container to burn or explode. Post areas "no smoking or open flames." Do not store at temperatures above 120 F (49 C) or in direct sunlight as cans may overheat and burst releasing the highly flammable propellant. Cool overheated cans if possible. Do not store near oxidizing agents. Keep out of the reach of children.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### EXPOSURE LIMIT VALUES

NAME	CAS-no.	LIMIT:	
Acetone	67-64-1	ACGIH TLV	500 PPM
		ACGIH TLV	750 PPM STEL
		OSHA PEL	1000 PPM
Propane	74-98-6	ACGIH TLV	2500 PPM
		OSHA PEL	1000 PPM
Butane	106-97-8	ACGIH TLV	800 PPM
		OSHA PEL	800 PPM
Xylene	1330-20-7	ACGIH TLV	100 PPM
		ACGIH TLV	150 PPM STEL
		OSHA PEL	100 PPM
		OSHA PEL	150 PPM STEL
Ethylbenzene	100-41-4	ACGIH TLV	20 PPM
		OSHA PEL	100 PPM
		OSHA PEL	125 PPM STEL
Toluene	108-88-3	ACGIH TLV	20 PPM
		OSHA PEL	100 PPM (Skin)
		OSHA PEL	150 PPM (Skin) STEL
Amorphous Precipitated Silica	112926-00-8	ACGIH TLV	10 mg/m <sup>3</sup> as Dust
		OSHA PEL	6 mg/m <sup>3</sup> as Dust

Carbon Black

1333-86-4

ACGIH TLV

3.5 mg/m<sup>3</sup>

OSHA PEL

3.5 mg/m<sup>3</sup>

#### **ADDITIONAL ADVICE ON CONTROL PARAMETERS**

##### **EXPOSURE CONTROLS**

###### **OCCUPATIONAL EXPOSURE CONTROLS**

If eye watering, headache or dizziness is experienced, increase ventilation or seek fresh air. Use engineering controls to reduce air contamination to permissible exposure levels. Atmospheric levels should be maintained below the exposure guidelines. Ensure fresh air entry during use.

##### **PROTECTIVE AND HYGIENE MEASURES**

###### **RESPIRATORY PROTECTION**

Wear NIOSH approved respirator if vapors approach TLV. Do not use in confined spaces without adequate ventilation and/or respirator. For emergency and other conditions where the exposure guideline may be greatly exceeded, use an approved positive pressure self container breathing apparatus.

###### **EYE PROTECTION**

Wear protective goggles if mist is present or if any possibility of eye contact exists.

###### **SKIN PROTECTION**

Avoid any skin contact. Wear protective gloves and clothing.

###### **ENVIRONMENTAL EXPOSURE CONTROLS**

Do not release to ground or water.

###### **MEASURES TO BE TAKEN DURING REPAIR AND MAINTENANCE OF CONTAMINATED EQUIPMENT THAT HAS BEEN IN CONTACT WITH THIS MATERIAL**

Remove traces of material if soldering, welding, brazing, cutting or other process involving ignition sources to prevent a fire hazard or create hazardous fumes.

#### **9. PHYSICAL AND CHEMICAL PROPERTIES**

##### **GENERAL INFORMATION**

**PHYSICAL STATE:** Liquid / Aerosol  
**COLOR:** Iron Gate (black)  
**ODOR:** Solvent/Paint odor

##### **CHANGES IN THE PHYSICAL STATE**

**MELTING POINT:** Not available  
**FLASH POINT:** Liquid Paint 60°F TCC. / Propellant < 0°F  
**LEL (Propellant):** 1.0  
**UEL (Propellant):** 12.8  
**DENSITY:** Liquid Paint 0.96  
**VOC:** Unknown

#### **10. STABILITY AND REACTIVITY**

##### **CONDITIONS TO AVOID**

None known.

##### **MATERIALS TO AVOID**

None known.

##### **HAZARDOUS DECOMPOSITION PRODUCTS**

By fire, Carbon Monoxide, Carbon Dioxide

#### **11. TOXICOLOGICAL INFORMATION**

##### **CHRONIC HEALTH HAZARDS**

Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage. Ethylbenzene is classified by IARC as possibly carcinogenic to humans (2B)

based on inadequate evidence in humans and sufficient evidence in laboratory animals. Lifetime inhalation exposure of rats and mice to high Ethylbenzene concentrations resulted in increases in certain types of cancer, including kidney tumors in rats and lung and liver tumors in mice. These effects were not observed in animals exposed to lower concentrations. There is no evidence that Ethylbenzene causes cancer in humans.

Carbon Black is classified by IARC as possibly carcinogenic to humans (group 2B) based on experimental animal data, however, there is insufficient evidence in humans for its carcinogenicity.

<b>Name</b>	<b>CAS-no.</b>		
Acetone	67-64-1	LC50 RAT 4HR	NA
		LD50 RAT	5800 mg/kg
Xylene	1330-20-7	LC50 RAT 4 HR	5000 ppm
		LD50 RAT	4300 mg/kg
Propane	74-98-6	LC50 RAT 4 HR	NA
		LD50 RAT	NA
Butane	106-97-8	LC50 RAT 4 HR	658000 ppm
		LD50 RAT	NA
Ethylbenzene	100-41-4	LC50 RAT 4HR	NA
		LD50 RAT	3500 mg/kg
Toluene	108-88-3	LC50 RAT 4HR	4000 ppm
		LD50 RAT	5000 mg/kg
Amorphous precipitated Silica	112926-00-8	LC50 RAT 4 HR	NA
		LD50 RAT	>10000 mg/kg
Carbon Black	1333-86-4	LC50 RAT	NA
		LD50 RAT	NA

NA=Not available

## 12. ECOLOGICAL INFORMATION

### ECOTOXICITY

Do not allow material to be released to the environment. Do not contaminate public drains or water supply.

## 13. DISPOSAL CONSIDERATIONS

### ADVICE ON DISPOSAL

Recover, reclaim or recycle. Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers. Do not incinerate. Depressurize container. Dispose in accordance with federal, State and local requirements.

## 14. TRANSPORT INFORMATION

Shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (ocean, air, etc.) does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport.

### U.S. GROUND (DOT)

UN1950, AEROSOLS, 2.1, LIMITED QUANTITY, (ERG#126)

### MARINE

IMO , UN1950, AEROSOLS, CLASS 2.1, LIMITED QUANTITY, EmS F-D, S-U

### AIR TRANSPORT

IATA/ICAO UN1950, FLAMMABLE, 2.1, LIMITED QUANTITY

## 15. REGULATORY INFORMATION

### SARA 313 Supplier Notification (40 CFR 372.65C)

Chemical	CAS#	Wt%
Ethylbenzene	100-41-4	4
Xylene	1330-20-7	21
Toluene	108-88-3	5

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

All ingredients comply with the USA Toxic Substance Control Act.

## 16. OTHER INFORMATION

This product has been classified in harmony with the Department of Labor Regulations 29 CFR 1910.1200.

### NOTICE

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