

**SECTION 1: PRODUCT AND COMPANY IDENTIFICATION**

PRODUCT NAME: Sun/Charge  
SYNONYMS: S/B Alkyd Top Coat  
PRODUCT CODE: 2290 E Flat Black  
MANUFACTURER: Bert's Paint Inc.  
ADDRESS: 2401 S. 12<sup>th</sup> Street  
Phoenix, AZ 85034

EMERGENCY PHONE: 602-495-6000  
FAX PHONE: 602-523-9675

CHEMICAL FAMILY: Paint Solvent base

PRODUCT USE: Industrial Coating  
PREPARED BY: Michael Thornham

**SECTION 2: HAZARD(S) IDENTIFICATION**

Hazard Classification: Warning

Label Elements:

Hazard symbol:

Irritant, Flammable Health Hazard



Inhalation:

May cause irritation to the respiratory system. Breathing vapors may affect the central nervous system. Move to fresh air.

Ingestion:

Harmful if swallowed. Do NOT induce vomiting

Skin:

Irritating to skin.

Eyes:

May cause irritation, tearing, burning or redness

This product contains ingredients that may contribute to the following potential chronic health effects:

Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful.

Emergency Overview:

Flammable liquid and vapor. Causes respiratory tract, eye and skin irritation. Contains material that may cause target organ damage, based on animal data. Possible reproductive hazard contains material which may cause adverse reproductive effects in females based on animal data.

Flammable liquid. Keep away from heat, sparks and flames. Avoid exposure - Obtain special instructions before use. Avoid breathing vapor or mist. Do not get in eyes. Avoid contact with skin and clothing. Use only with adequate ventilation.

Keep container tightly closed and sealed until ready for use. Wash thoroughly after handling.

Other Hazards:

Rags, steel wool or waste soaked with this product may spontaneously catch fire if improperly discarded.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

Ingredient	Wt %	CAS #
xylene	20 - 25	1330-20-7
Acetone	8 - 15	67-64-1
Dimethyl carbonate	1 - 5	616-38-6
Solvent naphtha	1 - 3	64742-95-6
Ethylene glycol monobutylether	8 - 15	111-76-2
White spirits	1 - 4	8052-41-3
Carbon Black	1 - 4	1333-86-4

**SECTION 4: FIRST AID MEASURES**

- Ingestion:** Rinse mouth with water. Give one or two glasses of water. Never give anything by mouth to an unconscious person. Only induce vomiting at the instruction of medical personnel. Get medical attention
- Inhalation:** Remove exposed person to fresh air if adverse effects are observed get medical attention.
- Skin Contact:** Remove contaminated clothing and shoes. Wash with soap and water, if skin irritation occurs, get medical attention.
- Eye Contact:** Wash out immediately with water for up to 10 minutes. If possible remove contact lenses. Get medical attention.

**SECTION 5: FIRE FIGHTING MEASURES**

- General Fire Hazards:** Vapors may travel considerable distance to a source of ignition and flash back. Vapors may cause flash fire.
- Extinguishing media:** Water spray. Dry chemical or foam. CO2 may be ineffective on large fires.
- Special protective equipment:** Wear full protective gear including self-containing breathing apparatus operated in a positive pressure mode with full face piece, coat pants, gloves and boots.
- Conditions to Avoid: Flammable.** Flash back possible over considerable distance. Keep product and empty container away from heat and sources of ignition. Closed containers may rupture if exposed to fire or extreme heat. Thermal decomposition can lead to release of irritating gases and vapors.
- Incompatibility (Materials to Avoid):** Avoid strong alkaline and acids. Material is sensitive to static discharge
- Hazardous Decomposition:** CO, CO2, Oxides of Nitrogen
- Hazardous Polymerization:** Will not occur

**SECTION 6: ACCIDENTAL RELEASE MEASURES****Action to be taken if material is released or spilled:**

Ventilate area. Avoid unnecessary skin contact. Stop and/or contain spill if it can be done safely, avoiding discharge into drains, sewers, or waterways. Collect by absorption, shovel and/or wet mopping. Also wipe, scrape or soak up in/with an inert material and put in a container for disposal. Avoid contact with eyes.

**Waste Disposal Method:**

Dispose of in accordance with Local, State and Federal Regulations.

**Precautions to be taken in Handling and Storing:**

Remove all sources of ignition. Take precautions to prevent flashback. Ground and bond all containers and handling equipment. Take precautionary measures against static discharges. Ensure adequate ventilation. Avoid contact with skin, eyes and clothing. Use personal protective equipment. Use with adequate ventilation. Avoid prolonged breathing of vapor. Avoid prolonged or repeated skin contact.

**OTHER PRECAUTIONS:**

Ensure adequate ventilation. Use only where airflow will keep vapors from building up in or near the work area in adjoining rooms. Comply with all national, state, and local codes pertaining to the storage, handling, dispensing and disposal of flammable liquids.

Dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. All equipment should be non-sparking and explosion proof. Use explosion proof electrical equipment for ventilation, lighting and material handling

**SECTION 7: HANDLING AND STORAGE****Precautions for safe handling:**

Observe good industrial hygiene practices. Provide adequate ventilation. Wear appropriate PPE.

Avoid contact with eyes and prolonged or repeated contact with skin. Avoid breathing mists or vapors. When using, do not eat, drink or smoke.

Stir well before use. Keep container closed when not in use.

Take precautionary measures against static discharges. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Keep away from heat, sparks and flame. Extinguish all flames and pilot lights, and turn off stoves, heaters, electric motors and other sources of ignition during use and until all vapors are gone. Ignition and/or flash back may occur. Wash thoroughly after handling.

**SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION**

**General Information:** Use personal protective equipment as required.

**Respiratory Protection:**

Consult with an industrial hygienist to determine the appropriate respiratory protection for your specific use of this material. A respiratory protection program compliant with all applicable regulation must be followed whenever workplace conditions require the use of a respirator. Use of proper respiratory protection is recommended. Use only with adequate ventilation. In operations where exposure limits are exceeded, use a NIOSH approved respirator that has been selected by a technically qualified person for the specific work conditions. When spraying the product or applying in confined areas, wear a NIOSH approved respirator specified for paint spray or organic vapors

**Ventilation:**

Maintain good ventilation to keep product vapor concentrations below specified limit values.

**Skin Protection:**

Protective Gloves: Suitable gloves should be used to limit effect of skin over-exposure.

Wear long sleeved clothing.

**Eye Protection:**

Goggles with side shields or face shield are recommended.

**Other Protective Clothing or Equipment:**

To prevent repeated or prolonged skin contact, wear appropriate PPE and boots/shoes.

**Work/Hygienic Practices:**

Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Eye washes and safety showers in the workplace are recommended, as well as barrier creams, daily showers and a change of clothes. Wash thoroughly after handling.

**SECTION 9: PHYSICAL AND CHEMICAL CHARACTERISTICS**

Boiling Range	Not determined
Solubility in water	Not Soluble
Flash Point	1.4° F (-17°C)
Solids by weight	46.23 ± 0.5
Volatile by weight	38.27 ± 0.5
Specific gravity	1.067
Weight per gallon	8.89

Coatings VOC	3.43 lbs (411.29 g/L)
Material VOC	2.305 lbs (276.63 g/L)
Appearance	Liquid
Solids by volume	35.81
Volatile by volume	46.40
Vapor density	Heavier than air
Odor	Aromatic like

**SECTION 10: STABILITY AND REACTIVITY DATA**

**Stability:** material is stable under normal conditions

**Conditions to avoid:** - Keep away from ignition sources.

**Incompatibility:** (Materials to avoid): Strong oxidizing agents, Alkalis and Bases

**Hazardous Reactions:** Will not occur:

**Hazardous Decomposition:** Thermal decomposition can lead to release of irritating gases and vapors.

**SECTION 11: TOXICOLOGICAL INFORMATION****Acute Toxicity:**

No information available

Information on toxicological effects/Symptoms: No information available

Sensitization: Not available

Mutagenic Effects: Not available.

Reproductive Effects: No information available.

**Product:**

Repeated or prolonged exposure to organic solvents may lead to permanent brain and nervous system damage.

Intentional misuse by deliberately concentrating and inhaling vapors may be harmful or fatal.

Inhalation: No information available

Eye contact: No information available

Skin contact: No information available

Ingestion: No information available

*According to IARC, Volume 93, no significant exposure to primary particles of carbon black is thought to occur from use in paints since the pigment is bound to other materials.*

**Component:**

<b>Xylene</b>	
LD50 oral rat	> 3500 (3500 - 4300) mg/kg as mixed xylenes containing ethylbenzene
LD50 dermal (rabbit)	> 4200 mg/kg as mixed xylenes containing ethylbenzene
LC50 inhalation (rat)	21.7 (21.7 - 29.1) mg/l/4h as mixed xylenes containing ethylbenzene
<b>Acetone</b>	
LD 50 oral rat	5,800 mg/kg
LD50 dermal (Guinea Pig)	7,426 mg/kg
LC50 inhalation (Rat)	50,100 mg/m <sup>3</sup> (8 hours)
<b>Ethylene glycol monobutylether</b>	
LD50 oral rat male	1,746 mg/kg
LD50 dermal rat	2,270 mg/kg
LC50 Inhalation rat	700 ppm 7 hours
LD50 oral Guinea pig	1,400 mg/kg
<b>Dimethyl carbonate</b>	
LD 50 oral rat	5,800 mg/kg (substance has no acute oral toxicity)
LD50 dermal (rabbit)	> 2,000 mg/kg (The component/mixture is low toxic after single contact with skin.)
LC50 inhalation (rat)	> 5.36 mg/l (4 hours - substance has no acute inhalation toxicity)

Respiratory sensitization: No information available on this product.

Skin sensitization: No information available on this product

**Chronic Effects:**

Carcinogenicity: No information available on this product

Mutagenicity: No information available on this product

Reproductive: No information available on this product

**SECTION 12: ECOLOGICAL INFORMATION****Product:**

No ecological information on this product regarding acute toxicity to fish, aquatic invertebrates or aquatic plants.

**Component:**Acute toxicity to Fish:

No information available on this product for Aquatic Invertebrates and Aquatic Plants

**SECTION 13: DISPOSAL CONSIDERATIONS****Disposal Instructions:**

Treatment, storage, transportation and disposal must be in accordance with applicable Federal, State and local regulations. Empty containers retain product residue, follow label warnings even after container is emptied.

**Empty Container Warning:**

Emptied containers may retain product residue. Follow label warnings even after container is emptied. Residual vapors may explode on ignition.

**SECTION 14: TRANSPORTATION INFORMATION**

DOT Hazard Class 3

UN-No UN1263

Packing Group III

Description UN1263, Paint, HC 3, PG III

ICAO / IATA Contact the preparer for further information.

**SECTION 15: REGULATORY INFORMATION****US Federal Regulations -**

TSCA USA Yes, all components are listed or exempt

**SARA 311/312 hazardous categorization****Hazardous Categories**

Acute Health Hazard	No
Chronic Health Hazard	Yes
Fire Hazard	Yes
Sudden Release of pressure Hazard	No
Reactive Hazard	No

**SECTION 16: OTHER INFORMATION****HMIS Hazard ID:**

Health	2
Flammability	3
Physical Hazards	0

Rating: 0 Minimal  
 1 Slight  
 2 Moderate  
 3 Serious  
 4 Severe \* chronic health effect

**DISCLAIMER:**

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