

1. Chemical Product and Company Identification

Chemical Name: SLIP Plate Aerosol
 Manufacturer: Superior Graphite
 Address: 10 S. Riverside Plaza
 Chicago IL 60606
 Information Number: (312) 559-2999

2. Composition/Information on Ingredients

Hazardous Components	CAS#	OSHA PEL	ACGIH TLV	Other Limits	%
Graphite, Natural (as respirable dust)	7782-42-5	2.5 mg/m ³	2.0 mg/m ³	None	<10
Silica, Crystalline Quartz (as respirable dust)	14808-60-7	0.1 mg/m ³	0.025 mg/m ³	None	<0.1
Toluene	108-88-3	100 ppm	20 ppm	None	2.4%.
Acetone	67-64-1	1000 ppm	500 ppm	750 STEL	<45
VM&P Naphtha	6474249-0	300 ppm	247 ppm	None	5-15
Petroleum Distillate Blend	Blend			None	5-15
Heptane		400 ppm	400 ppm		
Methylcyclohexane		400 ppm	400 ppm		
Propane	74-98-6	1000 ppm	1000 ppm	None	<25

Notes:

Toluene is subject to the reporting requirements of section 313 of Sara Title III and of 40 CFR 372. Tests performed on natural graphite have shown respirable quartz dust levels ranging from 0% to 5%.

3. Hazards Identification

Route (s) of Entry:	Inhalation	Skin	Ingestion
	Yes	Yes	Yes

Health Hazards (acute and chronic): Eyes, skin and respiratory system irritant. Narcotic in high concentrations. Severe overexposure may cause damage to the blood. Reports have associated repeated and prolonged occupational exposure to solvents with permanent brain and nervous system and other internal organ damage.

Carcinogenicity:	NTP	IARC Monographs	OSHA Regulated
	Yes	Yes	No

Notes:

Silica as quartz; animal sufficient evidence, human sufficient evidence.

Signs and Symptoms of Exposure:

Inhalation: Respiratory irritation, dizziness, headache, nausea, fatigue, drowsiness, impaired coordination, central nervous system depression or heart arrhythmia.

Skin: Contact may dry the skin prolonged contact may cause irritation. Can not be easily absorbed through the skin. Solvent action can dry and defat the skin causing skin to crack, leading to dermatitis.
Eyes: Liquid or vapor can cause moderate to severe irritation.
Ingestion: Not a likely route of exposure.

Medical Conditions Generally Aggravated by Exposure: Liver and kidney disease, anemia, coronary disease or rhythm disorders of the heart.

4. First Aid Measures

Eyes: Flush thoroughly with water for 15 minutes. Get medical attention.

Skin: Wash exposed skin with soap and water. If irritation persists get medical attention. Launder severely contaminated clothing before reuse.

Ingestion: Do not induce vomiting. Get medical attention.

Inhalation: Remove to fresh air. Administer oxygen if needed. Apply artificial respiration if breathing has stopped. Get medical attention.

5. Fire Fighting Measures

Flash Point: (method) N/A

Flammable Limits: LEL: N/D UEL: N/D

Extinguishing Media: Foam, carbon dioxide, dry chemical or water spray (fog).

Special Fire Fighting Procedures: Wear a NIOSH approved self contained breathing apparatus to fight a fire involving this material. Water spray may be ineffective. Water may be used to cool containers to prevent pressure build-up and explosion when exposed to extreme heat. If water is used, fog nozzles are preferred.

Unusual Fire and Explosion Hazards: Closed containers may explode from internal pressure build-up when exposed to extreme heat and discharge contents. Vapor accumulation can flash or explode if ignited. Overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

NFPA Hazard Rating:

Health
2

Flammability
4

Reactivity
0

NFPA Notes:

6. Accidental Release Measures

Spill/Leak Procedures: Avoid breathing vapors. Ventilate area, remove all sources of ignition. Clean up area with absorbent material and place in closed containers for disposal.

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

7. Handling and Storage

Handling and Storage Precautions: Store and use in cool, dry, well-ventilated areas. Do not store above 120 F. Do not puncture or incinerate (burn) cans. Do not stick a pin, nail or any other sharp object into opening on top of can. Do not spray in eyes. Do not take internally. See product label for additional

information. Small pressurized containers of flammable products 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.

Work/Hygienic Practices: Follow good hygienic practice for solvent borne products. Use adequate ventilation. Wash hands and face after handling this product.

8. Exposure Controls/Personal Protection

Respiratory Protection (specify type): Use NIOSH/MSHA approved mask for chemical products if ACGIH, OSHA and/or TWA limits will be exceeded.

Local Exhaust	Mechanical (general)	Special	Other
Required	Required	None	None

Eye/Face Protection: Goggles, safety glasses or face shield. Eye wash station should be available.

Skin Protection: Chemical resistant gloves. Safety shower should be available.

9. Physical/Chemical Characteristics

Physical State:Liquid	Boiling Point:N/A
Appearance:Aerosol	Melting Point:N/A
Odor:Solvent	Vapor Pressure (mm Hg):N/A
Specific Gravity (H2O=1):N/A	Vapor Density (air=1):N/A
Water Solubility:Slight	Evaporation Rate:N/A (Butyl Acetate = 1)

10. Stability and Reactivity

Stability: Material is stable.

Incompatibility (materials to avoid): Strong oxidizing agents, acids and alkalis.

Hazardous Decomposition Products: On burning, may release carbon dioxide and carbon monoxide.

Hazardous Polymerization: Will not occur.

11. Transportation Information

(VIA TRUCK)

Consumer Commodity, ORM-D (No flammable label needed)

(Box must be marked "Consumer Commodity, ORM-D")

(VIA AIR)

Aerosols, flammable (Class 2 Flammable Gas label)

Class 2.1 No Pkg. Group UN1950

Box must be marked "Aerosol, flammable, UN1950, LTD. QTY."

(Cover "Consumer Commodity, ORM-D" on pre-printed box)

(VIA OCEAN)

Aerosol (No flammable label needed)

Class 2 No Pkg. Group UN1950

Box must be marked "Aerosol, UN1950"

(Cover "Consumer Commodity ORM-D" on pre-printed box)

12. Other Information

Disclaimer: The information contained herein is based on data available. However, no warranty is expressed or implied regarding the accuracy of the data or the results obtained from the use thereof. Because the information contained herein may be applied under conditions beyond our control, we assume no responsibility for its use.

All components of this product are on the TSCA inventory.

Unk. = Unknown

N/A = Not applicable

Nav = Not available

N/D = Not determined

N/E = Not established

Prop. = Proprietary

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

Prepared: Date 08/15/91

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