



1. Chemical Product and Company Identification

Chemical Name: SLIP Plate No. 1
 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	<40
Silica, Crystalline Quartz (as respirable dust)	14808-60-7	0.1 mg/m ³	0.025mg/m ³	None	N/D
Mineral Spirits	8052-41-3	200 ppm	100 ppm	None	<50

Notes:

Tests performed on natural graphite have shown respirable quartz levels ranging from 0% to 5%.

3. Hazards Identification

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

Health Hazards (acute and chronic):

Acute: Eye, skin and respiratory system irritant. Breathing high concentrations may result in dizziness, headache, respiratory irritation, convulsions, or loss of consciousness.

Chronic: None expected when good hygienic practices are employed.

Carcinogenicity:	NTP	IARC Monographs	OSHA Regulated
	Yes	Yes	No

Notes:

Natural graphite can contain Silica as quartz; IARC monographs animal sufficient evidence, human sufficient evidence.

Signs and Symptoms of Exposure:

Inhalation: Respiratory irritation, dizziness, headache, nausea, fatigue, drowsiness, impaired coordination, and eye watering.

Skin: Contact may dry the skin prolonged contact may cause irritation. Can be absorbed through the skin. Solvent action can dry and defat the skin causing skin to crack, leading to dermatitis.

Eyes: Liquid or vapor can irritate the eyes.

Ingestion: May cause cramps and diarrhea. Small amounts aspirated into the respiratory system during ingestion or from vomiting may cause bronchopneumonia or pulmonary edema, a possibly fatal condition.

Medical Conditions Generally Aggravated by Exposure: None known.

Local Exhaust
Recommended

Mechanical (general)
Recommended

Special
None

Other
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:305 - 348 F(152-176C)
Appearance:Black/Gray	Melting Point:N/A
Odor:Petroleum Solvent	Vapor Pressure (mm Hg):2 @ 68 F(20C)
Specific Gravity (H2O=1):1.2	Vapor Density (air=1):4.7
Water Solubility:Negligible	Evaporation Rate:0.2 (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)

QTS, GAL. ONLY

Non-Hazardous – Use plain unmarked cartons

(Due to limited quantity exception 173.150)

5-GAL. PAILS, 55 GAL. DRUMS

Flammable liquid, N.O.S.

(Contains mineral spirits)

Class 3 Pkg. Group 3 UN1993

(VIA AIR)

ALL SIZES

Flammable liquid, N.O.S.

(Contains mineral spirits)

Class 3 Pkg. Group 3 UN1993

(VIA OCEAN)

ALL SIZES

Flammable liquid, N.O.S.

(Contains mineral spirits)

Class 3 Pkg. Group 3 UN1993

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.

Prepared: Date 01/22/91

Revised: Date 02/16/2011