



### SECTION 1: IDENTIFICATION

Product Name	Flatting Paste
Product Code #	650400.00
Manufacturer	Gemini Industries, Inc.
Address	421 SE 27th Street El Reno, OK 73036
Phone	Local: (800) 262-5710 Toll Free: (800) 444-7833
Emergency Contact	CHEMTREC (24HR Emergency Telephone), call: 1-800-424-9300 International CHEMTREC, call: 1-800-255-3924
Recommended Use/Restrictions	Refer to technical data sheet or product label for more information.

### SECTION 2: HAZARD(S) IDENTIFICATION

Classifications	Acute Toxicity - Inhalation: Category 4 Skin Corrosion: Category 2 Eye Damage/Irritant: Category 2A STOT Single Exposure: Category 3 Flammable Liquid: Category 3
Pictograms	 
Signal Word	Warning
Hazard Statements	H332   Harmful if inhaled. H315   Causes skin irritation. H319   Causes serious eye irritation. H335   May cause respiratory irritation. H226   Flammable liquid and vapor.
Precautionary Statements	P210   Keep away from heat/sparks/open flames/hot surfaces. - No smoking. P233   Keep container tightly closed. P240   Ground/bond container and receiving equipment. P241   Use explosion-proof electrical/ventilating/lighting/other equipment. P242   Use only non-sparking tools. P243   Take precautionary measures against static discharge. P261   Avoid breathing dust/fume/gas/mist/vapors/spray. P264   Wash any exposed body parts thoroughly after handling. P271   Use only outdoors or in a well-ventilated area. P280   Wear protective gloves/protective clothing/eye protection/face protection. P302 + P352   IF ON SKIN: Wash with plenty of soap and water. P303 + P361 + P353   IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. P304 + P340   IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P305 + P351 + P338   IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.



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P312 | Call a POISON CENTER or doctor/physician if you feel unwell.  
 P321 | Specific treatment (see supplemental first aid instruction on this label if immediate administration of antidote/specific measures/cleansing agent/immediate measures is/are appropriate/required).  
 P333 + P313 | If skin irritation or rash occurs: Get medical advice/attention.  
 P337 + P313 | If eye irritation persists: Get medical advice/attention.  
 P362 | Take off contaminated clothing and wash before reuse.  
 P370 + P378 | In case of fire: Use appropriate media for extinction if water increases risk.  
 P403 + P233 | Store in a well-ventilated place. Keep container tightly closed.  
 P403 + P235 | Store in a well-ventilated place. Keep cool.  
 P405 | Store locked up.  
 P501 | Dispose of contents/container to appropriate waste disposal entity in accordance with local/regional/national/international regulation.

Percent of the mixture consisting of ingredient(s) of unknown toxicity

To the best of our knowledge, there are no additional ingredient(s) present requiring hazardous reporting or health warnings.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Reportable Components	% of Comp.	CAS No.
N-BUTYLACETATE	80 - 90%	123-86-4
SILICA, AMORPHOUS FUMED	10 - 20%	7631-86-9

SECTION 4: FIRST AID MEASURES

General Advice	Have Safety Data Sheet available when calling Poison Control Center (1-800-222-1222) or physician; or when going to the emergency room.
Eyes	Immediately flush eye with plenty of water for 15 minutes, while lifting upper and lower eyelids. Remove contact lenses if present and easy to do. Continue rinsing. Check eye for chemical burns. Get medical attention.
Skin	Immediately wash with soap and water. Remove contaminated clothing and shoes. Wash or clean thoroughly before reuse. Get medical attention if irritation persists.
Inhalation	Remove to exposure to fresh air. If breathing is difficult, give oxygen. If breathing is stopped, give artificial respiration. Keep person warm and quiet. Get medical attention.
Ingestion	DO NOT INDUCE VOMITING! Call Poison Control Center, (1-800-222-1222) or physician immediately. NOTE: Aspiration of solvents may result in chemical pneumonia.

SECTION 5: FIRE FIGHTING MEASURES

Fire Hazard	Yes
Extinguishing Media	Foam, CO2, Dry Chemical, Water Mist
Special Protective	Evacuate all unnecessary personnel. Use full protective equipment. Cool closed



## Flatting Paste

Equipment and  
Firefighting  
Procedures

containers to prevent pressure build-up and possible explosion. Direct water stream is not recommended for oil base fires. Product may float and reignite on surface of water. Do not allow product or runoff from fire control measures to enter storm or sanitary sewers or waterways.

Unusual Fire & Explosion

Explosive vapor mixtures may form which is dangerous when exposed to heat and flame. Vapors are heavier than air and may travel along the ground, or be moved by ventilation, and ignited by pilot lights, stoves, heaters, electric motors, sparks, flame, smoking, static discharge or other ignition sources even at location distant from material handling site. Free falling stream of liquid may cause static electricity build-up and create fire hazard.

Hazardous Combustion Products

See Section 10

### SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal  
Precautions

Avoid any uncontrolled release of material. Wear chemical splash goggles, impervious gloves, appropriate respirators, and protective clothing until all hazards are known.

Spills / Leaks

If spill/leak occurs, eliminate ignition sources and ventilate area. Evacuate all unnecessary personnel. Wear full protective equipment. Dike drains to prevent entering storm or sanitary sewers, rivers, streams, or waterways. Contain spill and cover with inert absorbent material. Clean using non-sparking tools (aluminum, brass, copper) and place mixture into containers for disposal. Note: Some spills/releases may require special reporting to local, state or federal agencies.

### SECTION 7: HANDLING AND STORAGE

Handling

Handle using good industrial hygiene and safety practices. Avoid breathing vapors, spray mists, or dusts. Avoid contact with eyes and skin. Do not take internally. Use adequate ventilation, respiratory and personal protection. Avoid spraying hot surfaces.

Storage

Keep liquid and vapor away from heat, sparks, and flame. Turn off or remove all sources of ignition. Use proper methods of ventilation to prevent vapor buildup. Avoid contact with hot metal surfaces. Avoid free fall of liquids. Ground and bond fixed equipment, pails, drums and other transfer containers. Do not reuse, weld, drill, or heat empty containers which may contain explosive vapors.

Keep container closed when not in use and during transit. Store container in an upright position in a cool, dry environment and protect from damage. Use adequate ventilation. Follow label warnings until thoroughly cleaned or until container is sent for disposal. Do not remove or deface labels until empty containers have been destroyed or thoroughly cleaned. Do not transfer product to unlabeled containers. Do not store above 120 deg. F (50 deg. C).

### SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure Limits

Chemical Description	OSHA PEL	ACGIH TLV	Other
n-Butyl acetate Silica, amorphous fumed	150 ppm NOT EST.	150 ppm NOT EST.	200 ppm STEL 3 mg/m <sup>3</sup>

### Engineering Controls

USE ONLY WITH ADEQUATE VENTILATION. Provide mechanical ventilation, local exhaust or other appropriate means of ventilation to prevent build-up of vapor or dust. Keep worker exposure to airborne contaminants below suggested or allowable limits. Keep area vapor and/or dust concentrations below lower explosive limits. Eye wash and safety showers are recommended in the workplace.

### Personal Protective Equipment

Hand	Wear impermeable, chemical resistant gloves to prevent skin contact. Consult safety equipment supplier for specific recommendations of construction material. Wash hands with soap and water after using and before eating or using tobacco products.
Eyes	Wear chemical goggles designed to protect eyes against vapor, liquid splash and mists unless full-face respirator is worn. Ensure eye wash and safety showers are near workstations. NOTE: Contact lenses may contribute to the severity of an eye injury and should be removed immediately if exposure occurs.
Skin	Wear protective clothing, including headcap, to avoid skin contact with liquid or overspray. Thoroughly clean contaminated clothing and shoes before reuse.
Respiratory	USE ADEQUATE VENTILATION! Ensure fresh air entry during application and drying. If you experience eye watering, headache, dizziness or if air monitoring demonstrates vapor/mist levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH approved for the hazardous ingredients listed in Section 3) during and after application. If appropriate, use respirator pre-filter or dust/particle mask to avoid breathing sanding dust Follow respirator manufacturer's instructions for use. Periodically monitor exposure levels to hazardous ingredients listed in Section 3 and review permissible exposure limits above.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Opaque liquid	Upper Flammability/Explosive Limit	7.50
Odor	Strong solvent	Lower Flammability/Explosive Limit	1.40
pH value	No Data	Vapor Pressure	10.00
Freezing Point (F)	No Data	Vapor Density	4.01
Boiling Point (F)	No Data	Vapor Temperature	68.00
Boiling Range	260.00 - 260.00	Relative Density/Specific Gravity	8.14036
Flash Point (F)	81.00	Solubility	Minimally Water Soluble
Flash Point	P Marten	Partition Coefficient	No Data

Method Used			
Evaporation Rate	Slower than butyl acetate	Auto-Ignition Temperature	No Data
Flammability	Yes	Decomposition Temperature	No Data
Viscosity	See Tech Data Sheet		

SECTION 10: STABILITY AND REACTIVITY

Chemical Reactivity	Will not occur.
Chemical Stability	Stable.
Conditions to Avoid	High temperatures, humidity, ignition sources and vapor build-up.
Materials to Avoid	Not Applicable.
Hazardous Decomposition	Carbon Monoxide, Carbon Dioxide, Hydrocarbons, Aldehydes, Other Organic Compounds

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity

Reportable Components	LD50 Oral	LC50 Inhalation	LD50 Dermal
n-Butyl acetate	10,760 mg/kg	> 21 mg/l (4H)	> 14,112 mg/kg
Silica, amorphous fumed	Not available	Not available	Not available

Inhalation

Description of Effects From Short- and Long-Term Exposure:

Vapors and mists irritate nose, throat, and lungs (burning, stinging, coughing). May cause headache, dizziness, nausea, weakness, shortness of breath and loss of coordination. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Exposure to extremely high vapor concentrations may cause unconsciousness and asphyxiation. Dust, sanding dusts and particles may cause nose and throat irritation. Harmful if inhaled.

Ingestion

Description of Effects From Short- and Long-Term Exposure:

Causes nausea, vomiting, diarrhea and severe central nervous system depression (headache, dizziness, nausea, loss of coordination).

Eyes

Description of Effects From Short- and Long-Term Exposure:

Contact with liquid or vapors causes severe irritation (redness, watering, itching, stinging, blurred vision) and possible cornea damage.

Skin

Description of Effects From Short- and Long-Term Exposure:

Contact causes mild to severe irritation (dryness, itching, cracking, rash and swelling) and possible burns with prolonged contact.

Carcinogen Information

Not Applicable.

Carcinogens Listing

NTP	No
IARC	No
OSHA	No

SECTION 12: ECOLOGICAL INFORMATION

Aquatic Toxicity

n-Butyl acetate

Toxicity to Fish LC50: 18 mg/l - 96 h

Toxicity to Algae EC50: 674.7 mg/l - 72 h

Biodegradability            Readily biodegradable

Bioaccumulation            Not expected

SECTION 13: DISPOSAL CONSIDERATION

Waste materials and empty container must be disposed of in accordance with applicable federal, state/provincial, and local regulations. Regulations may vary by location. Empty containers may hold hazardous vapors. Do not weld or expose to heat.

SECTION 14: TRANSPORT INFORMATION

DOT Description

UN1263, PAINT, 3, PGIII

SECTION 15: REGULATORY INFORMATION

TSCA Status                            In compliance with TSCA inventory requirements for commercial purposes.

SARA 312 Regulated Chemical(s)    n-Butyl acetate  
Silica, amorphous fumed

SARA 313 Regulated Chemical(s)

California Prop. 65                    Not Applicable.



PA Right to know Chemical(s) n-Butyl acetate  
Silica, amorphous fumed

NJ Right to know Chemical(s) n-Butyl acetate

MA Right to know Chemical(s) n-Butyl acetate  
Silica, amorphous fumed

Canada Not Applicable.

Additional Regulatory Information Not Applicable.

SECTION 16: OTHER INFORMATION

HMIS

Flatting Paste

<b>HEALTH</b>	2*
<b>FLAMMABILITY</b>	3
<b>REACTIVITY</b>	0
<b>PERSONAL PROTECTION</b>	X

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