



Flattening Paste

THIS SDS COMPLIES WITH 29 CFR 1910.1200 (HAZARD COMMUNICATION STANDARD)

Section 1 Identification

PRODUCT IDENTITY: Flattening Paste
PRODUCT USES: Surface Shine Reducer

COMPANY IDENTITY: Butterfield Color, Inc.
COMPANY ADDRESS: 625 W Illinois Ave
COMPANY CITY: Aurora, IL 60506
COMPANY PHONE: 1-630-906-1980
EMERGENCY PHONES: CHEMTREC: 1-800-424-9300 (USA)
CANUTEC: 1-613-996-6666 (CANADA)

Section 2, Hazard(s) identification



Danger

Combustible Liquid. May Cause Genetic Defects.

Category 3 COMBUSTIBLE LIQUID (N. AMERICA); FLAMMABLE LIQUID & VAPOR (ELSEWHERE). (CAT:3)

Category 1B Germ Cell Mutagenicity

Category 1B Carcinogenicity

2.1 HAZARD STATEMENTS: (CAT = Hazard Category)

H100s = General, H200s = Physical, H300s = Health, H400s = Environmental

- H226 Combustible liquid (North America); Flammable liquid & vapor (Elsewhere). (CAT:3)
H340 May cause genetic effects (Germ Cell Mutagenicity). (CAT:1B)
H335 Causes serious eye damage. (CAT: 1)
H350 May cause cancer (Inhalation). (CAT: 1B)

2.2 PRECAUTIONARY STATEMENTS:

P100s = General, P200s = Prevention, P300s = Response, P400s = Storage, P500s = Disposal

- 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.
P240 Ground/bond container and receiving equipment.
P241 Use explosion-proof electrical/ventilating/lighting equipment.

P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P260	Do not breathe dust/fume/gas/mist/vapors/spray.
P261	Avoid breathing, dusts, fumes, mists, vapors, spray.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P304+340	IF INHALED: Remove victim to fresh air & keep at rest in a position comfortable for breathing.
P309+312	If exposed or you feel unwell: Call a POISON CENTER or doctor/physician.
P361	Remove/Take off immediately all contaminated clothing.
P403+233	Store in a well ventilated place. Keep containers tightly closed.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/ regional/ national and international regulations

SEE SECTIONS 8, 11 & 12 FOR TOXICOLOGICAL INFORMATION.

Section 3, Composition / Information on Ingredients

MATERIAL	CAS#	EINECS#	WT %
Mineral Spirits	8052-41-3	232-489-3	60-65%
Silica, Amorphous	7631-86-9	231-545-4	20-25%

TRACE COMPONENTS: Trace ingredients (if any) are present in < 1% concentration. None of the trace ingredients contribute significant additional hazards at the concentrations that may be present in this product. All pertinent hazard information has been provided in this document, per the requirements of the Federal Occupational Safety and Health Administration Standard (29 CFR 1910.1200), U.S. State equivalents, and Canadian Hazardous Materials Identification System Standard (CPR 4).

Section 4, First Aid Measures

4.1 MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE & DELAYED:

See Section 11 for symptoms/effects, acute & delayed.

4.2 GENERAL ADVICE:

Take off all contaminated clothing immediately. IF exposed or concerned: Get medical advice/attention. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

4.3 EYE CONTACT:

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Get medical attention if irritation develops and persists.

4.4 SKIN CONTACT:

Take off immediately all contaminated clothing. Rinse skin with water/shower. Get medical attention if irritation develops and persists.

4.5 INHALATION:

Move to fresh air. Call a physician if symptoms develop or persists.

4.6 SWALLOWING:

If swallowed, CALL PHYSICIAN OR POISON CONTROL CENTER FOR MOST CURRENT INFORMATION. If professional advice is not available, give two glasses of water to drink. DO NOT INDUCE VOMITING. Never induce vomiting or give liquids to someone who is unconscious, having convulsions, or unable to swallow. Seek immediate medical attention.

Section 5, Fire Fighting Measures

5.1 FIRE & EXPLOSION PREVENTIVE MEASURES:

Store in a cool well ventilated intrinsically safe / flammable proof environment. Prevent Hot Work (Burning & Welding in the general storage area where product is located).

5.2 SUITABLE (& UNSUITABLE) EXTINGUISHING MEDIA:

Water fog. Foam. Dry chemical powder. Carbon Dioxide.

5.3 SPECIAL PROTECTIVE EQUIPMENT & PRECAUTIONS FOR FIRE FIGHTERS:

Standard Turn Out Gear and an SCBA.

5.4 SPECIFIC HAZARDS OF CHEMICAL & HAZARDOUS COMBUSTION PRODUCTS:

FLAMMABLE!! VAPORS CAN CAUSE FLASH FIRE

Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. During fire, gases hazardous to health may be formed.

Section 6, Accidental Release Measures

6.1 SPILL AND LEAK RESPONSE AND ENVIRONMENTAL PRECAUTIONS:

Isolate and contain spill. Avoid discharge into drains, water courses or onto the ground. Place waste in a disposal container and dispose of in accordance with local and state RCRA rules and regulation.

6.2 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, EMERGENCY PROCEDURES:

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained.

For personal protection, see section 8 of the SDS.

6.3 ENVIRONMENTAL PRECAUTIONS:

Avoid discharge into drains, municipal conveyances or ground contamination.

6.4 METHODS AND MATERIAL FOR CONTAINMENT & CLEAN-UP:

Absorb with earth or non-combustible materials and transfer to a waste container for TSD Disposal.

Section 7, Handling and Storage

7.1 PRECAUTIONS FOR SAFE HANDLING:

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Vapors may form explosive mixtures with air. Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Do not smoke. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

Store locked up. Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Store in original tightly closed container. Store in a cool, dry place out of direct sunlight. Store in a well-ventilated place. Refrigeration recommended. Store away from incompatible materials (see Section 10 of the SDS). Keep in an area equipped with sprinklers.

Section 8, Exposure Controls / Personal Protective Equipment

8.1 EXPOSURE LIMITS:

HAZARDOUS COMPONENT	CAS	OSHA	NIOSH	ACGIH®
Mineral Spirits	8052-41-3	2900 mg/m ³ PEL 500 ppm	350 mg/m ³ TWA 1800 mg/m ³ Ceiling	100 ppm TWA
Amorphous Silica	7631-86-9	0.8 mg/m ³ TWA 20ppm	6 mg/m ³ TWA	

8.2 APPROPRIATE ENGINEERING CONTROLS:

RESPIRATORY EXPOSURE CONTROLS

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. Use a NIOSH/MSHA approved respirator if there is a risk of exposure to vapor/mist at levels exceeding the exposure limits.

8.3 INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT:

EYE PROTECTION:

Splash goggles or safety glasses.

HAND PROTECTION:

Use protective gloves.

BODY PROTECTION:

Use body protection appropriate for task. Coveralls, are generally acceptable, depending on the task.

WORK & HYGIENIC PRACTICES:

Provide readily accessible eye wash stations & safety showers. Wash at end of each shift & before eating, smoking or using the toilet. Remove clothing that becomes contaminated.

Section 9, Physical & Chemical Properties

APPEARANCE:	Viscous liquid
ODOR:	Characteristic
ODOR THRESHOLD:	Not Available
pH (Neutrality):	Not Available
MELTING POINT/FREEZING POINT:	Not Available
BOILING RANGE (IBP, 50%, Dry Point):	1305.44° F
FLASH POINT:	105° F
EVAPORATION RATE (n-Butyl Acetate=1):	Not Applicable
FLAMMABILITY CLASSIFICATION:	Class II
LOWER FLAMMABLE LIMIT IN AIR (% by vol):	Not Available
UPPER FLAMMABLE LIMIT IN AIR (% by vol):	Not Available
VAPOR PRESSURE (mm of Hg)@20° C	Not Available
VAPOR DENSITY (air=1):	Not Available
GRAVITY @ 68/68° F / 20/20° C:	
Relative DENSITY:	Not Available
SPECIFIC GRAVITY (Water=1):	Not Available
POUNDS/GALLON:	7.837 lb/gal 5
WATER SOLUBILITY:	Insoluble
PARTITION COEFFICIENT (n-Octane/Water):	Not Available

AUTO IGNITION TEMPERATURE:	Not Available
DECOMPOSITION TEMPERATURE:	Not Available
VOCs (>0.044 Lbs./Sq In) :	Not Applicable
TOTAL VOC'S (TVOC)*:	Not Applicable
NONEXEMPT VOC'S (CVOC)*:	Not Applicable
HAZARDOUS AIR POLLUTANTS (HAPS):	Not Applicable
NONEXEMPT VOC PRESSURE (mm of Hg @ 20 C):	Not Applicable
VISCOSITY @ 20 C (ASTM D445):	Not Applicable
* Using CARB (California Air Resources Board Rules).	

Section 10, Stability & Reactivity

10.1 REACTIVITY & CHEMICAL STABILITY:

Stable under normal conditions.

10.2 POSSIBILITY OF HAZARDOUS REACTIONS & CONDITIONS TO AVOID:

Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Avoid contact with incompatible materials.

10.3 INCOMPATIBLE MATERIALS:

Strong Oxidizing Agents, Fluorine, chlorine.

10.4 HAZARDOUS DECOMPOSITION PRODUCTS:

None

10.5 HAZARDOUS POLYMERIZATION:

Will not occur.

Section 11, Toxicological Information

11.1 ACUTE HAZARDS

11.11 EYE & SKIN CONTACT:

Direct contact with eyes may cause temporary irritation.

11.12 INHALATION:

Prolonged inhalation may be harmful.

11.13 SWALLOWING:

Expected to be a low ingestion hazard.

11.2 SUBCHRONIC HAZARDS/CONDITIONS AGGRAVATED

NL

11.3 CHRONIC HAZARDS

NL

11.4 MAMMALIAN TOXICITY INFORMATION

No recognized unusual toxicity to plants and animals.

Section 12, Ecological Information

12.1 ECOTOXICITY

Product	Species	Test Results
Flattening Paste (CAS Mixture)		
Fish LC50	Fish	61.7363 mg/l, 96 hours

12.2 MOBILITY IN SOIL

Mobility of this material has not been determined.

12.5 DEGRADABILITY

Will not degrade.

12.6 ACCUMULATION

Bioaccumulation of this product has not been determined.

Section 13, Disposal Considerations

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. This material and its container must be disposed of as hazardous waste. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

ALL DISPOSAL MUST BE IN ACCORDANCE WITH ALL FEDERAL, STATE, PROVINCIAL, AND LOCAL REGULATIONS. IF IN DOUBT, CONTACT PROPER AGENCIES. EPA CHARACTERISTIC: D001

Section 14, Transportation Information

MARINE POLLUTANT: Yes

DOT/TDG SHIP NAME: Non Regulated – 49 CFR 173.150(f)

DRUM LABEL: Non Regulated – 49 CFR 173.150(f)

IATA / ICAO: UN1263, Paint Related Material, 3, PG-III)

IMO / IMDG: UN1263, Paint Related Material, 3, PG-III)

Section 15, Regulatory Information

15.1 EPA REGULATION:

SARA SECTION 311/312 HAZARDS: Not listed, No SARA reportable

All components of this product are on the TSCA list.

SARA Title III Section 313 Supplier Notification

SARA TITLE III INGREDIENTS:

Chronic , Fire Hazard

15.2 STATE REGULATIONS:

US. Massachusetts RTK - Substance List

Mineral Spirits (CAS 8052-41-3)

US. Pennsylvania RTK - Hazardous Substances

Mineral Spirits (CAS 8052-41-3)

US. Rhode Island RTK

Not regulated.

US. California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive

15.3 INTERNATIONAL REGULATIONS

The identified components of this product are listed on the chemical inventories of the following countries:

Canada (DSL), China (IECSC), Japan (ENCS), Korea (ECL), USA (TSCA).

Section 16, Other Information**16.1 HAZARD RATINGS:**

HEALTH (NFPA): 2, HEALTH (HMIS): 2, FLAMMABILITY: 2, REACTIVITY: 0

16.2 EMPLOYEE TRAINING

Employees should be made aware of all hazards of this material (as stated in this SDS) before handling it.

16.3 SDS REVISION DATE: 6/23/2015**Notice:**

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Prepared By: HS&E Compliance Resources