



Safety Data Sheet (SDS)

Prepared to comply with GHS (Globally Harmonized System), WHMIS and OSHA-Hazard Communication Standard 29 CFR.1910.1200) System of Classifying and Labeling of Chemicals

Section 1. Identification

Product Name: Shurhold Buff Magic

Manufacturer's Code/Trade Name/Synonyms: metal polish

CAS Number/EC Number: See Section 3. **Product Code:** N/A

Product Use: Product is a metal polish for all types of bare metals, chrome, fiberglass, and Plexiglass

Supplier: Shurhold Industries

Address: 3119 SW 42nd Avenue
Palm City, FL
34990-5558

General Information Telephone: 1.800.962.6241

Emergency Telephone: Emergency Chem-Tel 1.800.255.3924

Section 2. Hazard(s) Identification

GHS Classification: Aspiration Hazard- Category 1

Skin Irritation- Category 2

Eye Irritation- Category 2B

Signal Word: Danger

Symbols:



Hazard Statements: H304 – May be fatal if swallowed and enters airways.

H316 – Causes mild skin irritation.

H320 – Causes eye irritation.

Precautionary Statements: P261 – Avoid breathing dust/fumes/vapors.

P264 – Wash face, hands and exposed skin thoroughly after handling.

P280 – Wear protective gloves/protective clothing/eye protection/face protection.

Response: P301 + P331 + P310 – IF SWALLOWED: Do NOT induce vomiting. Immediately call Poison Center/doctor.

P302 + P352 – IF ON SKIN: wash with plenty of soap and water.

P332 + P313 – If skin irritation occurs: Get medical advice/attention.

P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 – If eye irritation persists: Get medical advice/attention.

P362 + P364 – Take off contaminated clothing and wash it before reuse.

Storage: P405 – Store locked up.



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Section 2. Hazard(s) Identification (Continued)

Disposal: P501 – Dispose of contents/container in accordance with local/regional/national/international regulation.

Statement of toxicity: Product may create aspiration hazard if swallowed and/or enters airways. Product contains ingredients that may cause physical, health, or environmental hazards on their own; but are not likely to have the same effect as components in this mixture. Potential exposure to dust exists during buffing of the dried paste. Do not breath dusts; wear a dust mask or a respirator to avoid exposure during buffing.

Section 3. Composition/Information on Ingredients

Chemical Name/Mixture	CAS Number	EC Number	Concentration (%)
Aluminum Oxide	1344-28-1	215-691-6	25-30
Isoparaffinic Hydrocarbon Solvent	64742-46-7	265-148-2	8-12
C13-C16 Isoalkanes	68551-20-2	271-370-0	8-12
Octadecenoic acid mixture	112-80-1	204-007-1	5-15
Ammonium Hydroxide	1336-21-6	215-647-6	1-5

1. Information regarding the composition and the percent ranges for some of the mixture's ingredients are not presented as it is Confidential Business Information (CBI). Where a medical emergency exists (as determined by a medical professional), timely disclosure of CBI is assured. The information omitted pertains to only the names of the substances, chemical index numbers, and their concentration in the mixture (product) and will only be provided to a doctor/physician or Local/State/Provincial or Federal Authority.
2. Non-hazardous ingredients are not listed as to protect the proprietary formula of the product.

Section 4. First Aid Measures

Primary Routes of Exposure: Inhalation (X) Ingestion () Dermal (X) Eye Contact (X)

Inhalation: Inhalation of vapors or dusts may irritate the nose, throat, and respiratory tract. Coughing, sneezing, and shortness of breath may occur following exposure.

Inhalation First Aid Measures: Remove person to fresh air. If person is not breathing, provide artificial respiration, CPR or oxygen. Person should seek medical attention immediately from a physician should irritation persist or develop at a later time.

Ingestion: Ingestion may cause irritation to mouth, throat, and gastrointestinal tract.

Ingestion First Aid Measures: Seek emergency medical attention immediately. Never attempt to make an unconscious person, or person of limited awareness drink or vomit. DO NOT INDUCE VOMITING. If vomiting is occurring, lean victim forward, trying to keep them sitting at rest and comfortable. Monitor breathing, if person is conscious and fully aware allow victim to rinse their mouth with water until taste and material has been removed.

Eye Contact: Direct contact with liquid may cause irritation or burn the eyes.

Eye Contact First Aid Measures: Immediately flush eyes with clean (potable) water or eye wash for fifteen (15) minutes while holding open the eyelids. Lift the eyelids to ensure rinsing. Beyond flushing, seek medical attention if necessary.



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Section 4. First Aid Measures (Continued).

Dermal Contact: Direct contact with skin may cause irritation.

Dermal Contact First Aid Measures: Wash with copious amounts of soap and water. Seek medical aid if necessary.

Section 5. Fire-Fighting Measures

Product contains ingredients that are flammable: Product is not considered flammable but contains individual ingredients that may be flammable on their own in concentrated mixtures.

Suitable Extinguishing Media: Dry chemical/dry foam, water spray, and CO₂. Note: If not properly trained to use extinguishers do NOT attempt to extinguish fires. Seek proper help from local fire department and give any information as to the start of fire or chemicals involved.

Specific Hazards from the Chemical: The use of proper respiratory protection is recommended for individuals fighting the fire. Do not allow contaminated water from extinguishing the fire to flow into sanitary sewers/drains or surface/ground water.

Special Protective Equipment and Precaution for Fire-Fighters: Suitable protective full body coverage, eye protection and respiratory protection devices should be worn.

Section 6. Accidental Release Measures

Personal Precautions and Protective Equipment and Emergency: In case of accidental release, use caution as floors may become slippery. Carefully contain and stop the source of spill as training allows. Product should be prevented from entering sanitary sewers and drains, and from discharge into surface or groundwater. Should a release of this product enter a US waterway, the National Response Center (NRC) must be notified within 24 hours at (800) 424-8802.

Methods and Materials for Clean Up: Use absorbent materials to soak up spill if small and contained. Scoop up absorbent material mixture in a conventional manner and clean area with absorbent towels. Spilled product should be placed in suitable container for proper disposal according to all federal, state and local regulations.

Section 7. Handling and Storage

Precautions for Safe Handling: Local ventilation is recommended. Avoid contact with skin and eyes. Persons handling the product should wear recommended personal protective equipment (PPE) such as gloves and eye protection. Do not ingest. Avoid breathing dust/fumes using polish or buffing dried polish.

Conditions for Safe Storage: Keep container tightly closed in a dry and well-ventilated place. Observe label precautions, only store in original container. Storage temperature should not be below 32°F or above 150°F. Product is considered stable but may react with strong oxidizers.



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Section 8. Exposure Controls/Personal Protection

Chemical Name	CAS Number	OSHA PEL	NIOSH IDLH	NIOSH REL	ACGIH-TLV
Total Dust	--	15 TD/ 5.0 RF ⁽²⁾	-- ⁽³⁾	--	10 TD /3.0 RF
Isoparaffinic Hydrocarbon Solvent ⁽⁴⁾	64742-46-7	2,900	20,000	350	100 ppm
C13-C16 Isoalkanes	68551-20-2	--	--	--	--
Aluminum Oxide ⁽⁵⁾	1344-28-1	15 TD / 5.0 RF	--	--	1 ⁽⁶⁾
Octadecenoic acid mixture	112-80-1	--	--	--	--
Ammonium Hydroxide ⁽⁷⁾	1336-21-6	TWA-35	210	TWA-18	TWA-25 ppm

- Units –are mg/m³ unless footnoted.
- Total dust/respirable fraction exposure limit is for dust exposure and is presented in mg/m³. Exposure to dust may occur during buffing of dry polish.
- “--” - Not available.
- Exposure limits shown are for similar compound as no exposure limits exist for the particular ingredient used in this product.
- Total dust/respirable fraction exposure limit is for dust exposure and is presented in mg/m³. Exposure to dust may occur during buffing of dry polish.
- Aluminum Oxide had a TLV withdrawn. The combined aluminum metal and insoluble compounds TLV is presented above.
- No exposure limits exist for Ammonium hydroxide. Exposure limits presented are for Ammonia vapors (CAS 7664-41-7). Exposure to ammonia is not likely due to the composition and physical state of the product as a paste. Acronyms are defined in Section 16.
- Acronyms are defined in Section 16.

Exposure Controls: Use product in properly ventilated areas only. Ensure eye wash stations are proximate and work properly.

Personal Protection:

Eye: Recommend that goggles/face shield be worn for protection.

Body: Avoid contact with skin by properly covering skin with clothing or protective suit.

Respiratory: Approved respirator required for inadequate ventilation. Dust mask or respirator recommended during buffing of dried paste.

Hands: Gloves should be worn.

Feet: Suitable foot protection to avoid potential slips if product is spilled on the floor.

Personal hygiene: Wash hands, face, and exposed areas of skin thoroughly after use.

Section 9. Physical and Chemical Properties

Appearance: Pink-paste **Odor:** slight to none (ammonia) **Threshold:** N/D **pH:** 8.5

Melting Point: N/A **Freezing Point:** 32°F (0°C) **Initial Boiling Point:** N/A

Flash Point: >220°F (104.4°C) **Evaporation Rate:** > 1 (Butyl Acetate=1) **Vapor Pressure:** N/D

Flammability (Solid/Gas): N/D, Product contains ingredients that on their own may be flammable

N/A = Not Applicable N/D= Not Determined



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Section 9. Physical and Chemical Properties (Continued)

Upper/Lower Flammability or Explosive Limits: N/A Vapor Density: N/D Relative Density: N/D

Solubility in water: Negligible Partition Coefficient: n-octanol/water: N/D Viscosity: Variable

Auto-ignition Temperature: N/A Decomposition Temperature: N/D

N/A = Not Applicable N/D= Not Determined

Section 10. Stability and Reactivity

Chemical Stability: Stable under recommended storage conditions. See Storage, Section 7. Hazardous polymerization is not likely to occur.

Conditions to Avoid: Avoid temperatures above 65°C/150°F or below 0°C/32°F. Some ingredients decompose at elevated temperatures.

Incompatible Materials: Avoid contact with strong oxidizing materials. Avoid contact with strong acids.

Hazardous Decomposition Products: Hazardous decomposition products depend upon temperature, air supply, and the presence of other materials. Carbon monoxide and Carbon dioxide are products of decomposition. **Hazardous polymerization** will not occur.

Section 11. Toxicology Information

Acute Exposure:

Ingestion: Ingestion may cause irritation to mouth, throat, and gastrointestinal tract. If oral exposure occurs seek medical attention, immediately. May be harmful if swallowed. May be fatal if swallowed and enters airways (aspiration). May cause dizziness and drowsiness.

Eye Contact: Direct contact may cause irritation, redness or burns to the eyes. Seek medical attentions if irritation persists after flushing eyes with water for 15 minutes.

Dermal Contact: Direct contact with skin may cause irritation. Wash thoroughly with soap and water.

Inhalation: Inhalation of vapors or dusts may irritate the nose, throat, and respiratory tract. Coughing, sneezing, and shortness of breath may occur following over-exposure. Inhalation may cause rapid heart rate, headaches, confusion, anemia, dizziness and drowsiness. Exposed persons should be removed to fresh air and kept comfortable for breathing. If person is not breathing, provide artificial respiration, CPR or oxygen. Person should seek medical attention immediately from a physician should irritation persist or develop at a later time.

Chronic Exposure:

No data exists for chronic exposure to the product itself; however, chronic exposure to some components of the product can cause other injuries to skin, gastrointestinal tract and eyes.

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Section 11. Toxicology Information (Continued)

Numerical measures of toxicity: No information exists for the product itself. Available data for individual components is listed below:

Isoparaffinic Hydrocarbon Solvent (64742-46-7): Oral (Acute), Rat: LD₅₀ > 5000 mg/kg

Eyes, May cause mild, short-lasting discomfort to eyes.

Skin, May dry the skin leading to discomfort and dermatitis.

C13-C16 Isoalkanes (68551-20-2): Oral, Rat: LD₅₀ >10,000 mg/kg

Inhalation, Rat: LD₅₀ > 5.2 mg/L (4 hours)

Skin, Rabbit: LD₅₀ >2,000 mg/kg

Ammonium Hydroxide (1336-21-6): Oral, Rat LD₅₀: 350 mg/kg

Octadecenoic acid mixture (112-80-1): Skin, Human: 3 Days, Mild Irritation

Carcinogenicity Lists: This product does not contain any substances listed as a known or suspected carcinogen.

Section 12. Ecological Information (Non-mandatory)

Ecotoxicity: No information is available for the product.

Persistence and Degradability: No information is available for the product.

Bioaccumulative Potential: No information is available for the product.

Mobility in Soil: No information is available for the product.

Section 13. Disposal Considerations (Non-mandatory)

Waste must be disposed of in accordance with federal, state, and local environmental control regulations. Disposal of product may require waste characterization prior to disposal.

Section 14. Transport Information (Non-mandatory)

DEPARTMENT OF TRANSPORTATION (D.O.T.): Polishing Compound; Class 55, no DOT Number.

Canadian TDG Information: Product is not regulated. Product may contain small quantities of flammable ingredients.

IMDG: Product is not regulated. Product may contain small quantities of flammable ingredients.

IATA-DGR: Product is not regulated. Product may contain small quantities of flammable ingredients.

MARPOL 73/78 ANNEX II: Not Applicable



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Section 15. Regulatory Information (Non-mandatory)

SARA (Superfund Amendments and Reauthorization Act)

Product is not listed: Reportable Hazard Categories: Immediate Health and Delayed Health.

TSCA (Toxic Substance Control Act)

Product is not listed. All intentionally present components of this product are listed.

U.S. California Proposition 65 Carcinogens List

Product is not listed.

Canada Domestic Substances List (DSL)

Product is not listed. All intentionally present components of this product are listed.

Carcinogenic categories

National Toxicology Program (NTP)

Product is not listed. No components of the product are listed.

International Agency for Research on Cancer (IARC)

Product is not listed. No components of the product are listed.

EPA (Environmental Protection Agency)

Product is not listed. No components of the product are listed.

TLV (Threshold Limit Value established by ACGIH)

Product is not listed. No components of the product are listed.

NIOSH- (National Institute for Occupational Safety and Health)

Product is not listed. No components of the product are listed.

OSHA- (Occupational Safety & Health Administration)

Product is not listed. No components of the product are listed.

Section 16. Other Information

Acronyms:

ACGIH: American Conference of Governmental Industrial Hygienists
CAS: Chemical Abstracts Service
CFR: US Code of Federal Regulations
CIPAC: Collaborative International Pesticides Analytical Council
DSL: (Canada) Domestic Substance List
DOT: Department of Transportation
EC: European Commission
EINECS: European Inventory of Existing Commercial Chemical Substances
EU: European Union
GHS: Globally Harmonized System
HMIS: Hazardous Materials Identification System
IARC: International Agency for Research on Cancer
IATA: International Air Transport Association
ICAO: International Civil Aviation Organization
IDLH: Immediately Dangerous to Life and Health
IMDG: International Maritime Dangerous Goods



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Section 16. Other Information (Continued)

Acronyms (Continued):

IMO: International Maritime Organization
MARPOL: Marine Pollution-International convention for the prevention of pollutions from ships.
NIOSH: National Institute of Occupational Safety and Health
NTP: National Toxicology Program
OSHA: Occupational Safety and Health Administration
PPE: Personal Protective Equipment
PPM: Parts Per Million
PEL: Permissible Exposure Limit
REL: Recommended Exposure Limit
SARA: Superfund Amendments and Reauthorization Act
STEL: Short-term Exposure Limit
TDG: Transportation of Dangerous Goods
TLV: Threshold Limit Value
TSCA: Toxic Substance Control Act
TWA: Time Weighted Averages
USEPA: The United States Environmental Protection Agency
WHMIS: Workplace Hazardous Materials Information System

Authoring Limitations:

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End of Safety Data Sheet