

# Safety Data Sheet

## 1. IDENTIFICATION OF THE SUBSTANCE, PREPARATION & COMPANY/UNDERTAKING: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name and Description: Item #21031 Herman's Simply Clean Collector's Silver Polish  
Revised: No. 3 Date: 6 February 2018 By: RRS

### **Manufacturer**

Blitz Manufacturing Corporation  
263 America Place  
Jeffersonville, IN 47130

### **Contact Numbers**

Information 8:00 AM to 4:30 PM EST M-F  
Phone 1-812-284-2548  
Fax 1-812-288-7766  
24 Hour Emergency: Local Poison Control Center

## 2. COMPOSITION AND INFORMATION ON INGREDIENTS

Hazardous Components: None known.

Herman's Simply Clean Collector's Silver Polish is a calcium carbonate based product, and it contains no known hazardous chemicals and is not known to be toxic. The polish is a paste-like liquid with a mild polishing agent. No added color. No added fragrance.

## 3. HAZARDS IDENTIFICATION

Emergency Overview: Not known to be hazardous. Not known to be toxic. This is a thick, paste-like liquid. Color is a white to beige earth-tone color.

Risk phrases: none

Signal word: none

Potential Health Effects:

Eyes: May cause mild irritation if rubbed in eyes.

Skin: May cause mild irritation in individuals with a history of dermatological problems or other sensitivity.

Inhalation: Rinse mouth with water.

Ingestion: Seek medical attention.

Keep away from pets and children.

#### 4. FIRST AID MEASURES

Eyes: Flush gently with potable water for 10-15 minutes. If redness persists, see a physician or ophthalmologist.

Skin: Wash skin with water and, if necessary, a mild dermatological soap. If redness develops seek a physician or dermatologist.

Inhalation: Cannot be inhaled under normal use. Rinse mouth with water. Paste may occlude breathing passages.

Ingestion: Contact physician immediately if an infant is involved. Cannot be ingested by accident. (S2) Keep out of reach of children. Contains small plastic parts.

Keep small parts away from children and pets.

#### 5. FIRE FIGHTING MEASURES

Flammability:

Container and parts are made of various plastic components. Plastic components can melt (>100 C) or burn in intense heat or flame.

Ingredients:

Flash point: >212 F. Non-combustible.

Extinguishing media: Whatever surrounding fire requires.

Special fire fighting procedures: none

Fire and explosion hazard: none.

Combustion products: water and carbon dioxide

#### 6. ACCIDENTAL RELEASE MEASURES

Dispose of in a sanitary manner. Cap and jar may be recyclable in your area. Polish is not toxic. Solution tends to be slippery if spilled on floor. Dry the spill with towel or some absorbent. Don't mix with bleach or other solutions or chemicals.

If this product spills, it may be thick and slippery. Do not walk on it. It can be absorbed by paper towels or any sawdust or absorbent powder. Dry material may appear to be chalky.

Unused material and empty container can be discarded in waste receptacles. Small amounts of the polish portion may be disposed of in sanitary manner conveying to sewer if diluted sufficiently.

## 7. HANDLING AND STORAGE

Keep stored in a cool, dry place. Use only at ambient temperature. Follow directions exactly. Keep this and all solutions out of reach of children. Never mix with any chemical. Do not mix with bleach, acids or other cleaning products. Do not leave cap uncovered for long periods, as polish will dry out.

(S2) Keep out of reach of children. Adding water dilutes the product and may render it less effective. If frozen, thaw, and then shake. Never heat or boil, since heated water may scald. If contents become dried out, discard.

## 8. EXPOSURE CONTROL AND PERSONAL PROTECTION

Gloves can be worn for those individuals who have a history of dermatological reactions, or if individual does not want hands to be covered in polish, or removed tarnish. Water proof, doctor approved, gloves would be used in these instances. Eye protection can be worn. Rubbing the polish onto metal will cause the polish to turn dark. This combination can stain surfaces and clothing. If that is a concern, wear protective clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Thick, paste-like liquid. Color varies between white and beige, but may vary.

Odor: None.

Specific gravity: greater than 1.3 g/cm<sup>3</sup>

Boiling point: >212 F (>100 C)

Freeze point: <32 F (<0 C)

Solubility in water: do not dilute, this will dilute the product's cleaning ability.

pH: 7.5

Contains no alcohol. Contains no ammonia. Contains no acids.

Contains no tarnish resistant agents.

Polish will tend to dry and become powdery if exposed to air for long periods.

VOC's: none

(Nutrient value: non-existent. Not created for ingestion. Do not ingest.)

## 10. STABILITY AND REACTIVITY

Stable.

If frozen, then thaw, shake and use.

Never mix with other chemicals. The product is intended only for use on silver containing metals and alloys, and specifically for sterling silver and like materials.

Do not use this product for cleaning diamonds, hard stones, soft or porous stones. If stones are loose or glued, do not use this product – rubbing may dislodge. Do not contact with porous materials such as leather, wood, limestone or marble. The manufacturer is unaware of any cloth or fabric which would be discolored or damaged by this solution, but the resulting residue created by polishing the tarnish may stain fabric. If contacted, wash or treat fabric in a normal cleaning fashion. Rubbing metal may produce a dark substance - this is the tarnish being removed.

## 11. TOXICOLOGICAL INFORMATION

No toxicological data has been generated for this material. It is not known to be toxic and not known to be hazardous. It contains no ingredients which are known to be detrimental.

Carcinogens: None known, none listed by OSHA, IARC, or other agencies.

Chronic: None known. No health effects from long term exposure have been noted.

Acute Values: None have been reported, or known.

## 12. ECOLOGICAL INFORMATION

This product has never been found to present environmental or ecological problems. Use according to instructions. Dispose of in a sanitary and responsible manner. It contains no ingredients which are known to be detrimental.

Aquatic toxicity: None known. Polish is infinitely diluted when exposed to large volumes of water. The physical parts of the container may remain in aquatic environments indefinitely, do not discard except in normal trash receptacles. Do not discard to environment.

Terrestrial toxicity: None known. Physical parts may remain in terrestrial environments indefinitely, do not discard except in normal trash receptacles. Do not discard to environment.

Degradability: Plastic parts are not known to degrade. Recycle when possible.

### 13. DISPOSAL CONSIDERATIONS

If jar and lid are washed, they may be recyclable in your area. Dispose of parts and solution in a sanitary and responsible manner.

### 14. TRANSPORT INFORMATION

See bill of lading for appropriate transportation regulations

UN number: none.

UN proper shipping name : Not Dangerous Goods

Harmonized code: 3405.90.0000

Container is packaged as an 8 fluid ounce container. This may be regulated under international air line specifications. Check local transportation codes. For instance, in many localities - and currently - items are limited to 3.4 fluid ounces (100 milliliters) or less per carry-on item.

US DOT (transportation by ground) Non-Regulated

IMDG (transportation by sea) Non-Regulated

IATA (transportation by air) Non-Regulated

Packing group : N/A

Marine pollutant #1 : N/A

ADR - road : Not Dangerous Goods

RID - rail : Not Dangerous Goods

IMDG - sea : Not Dangerous Goods

IATA - air : Not Dangerous Goods

### 15. REGULATORY INFORMATION

This product is not regulated and is not considered to be toxic

Harmonized code: 3405.90.0000

## 16. OTHER INFORMATION

Refer to the product label for instructions, cautions and directions.

More information can be obtained at [www.hermansilver.com](http://www.hermansilver.com).

Refer to the product label for instructions, cautions and directions.

Some "S" phrases are listed for reference in sections above. This MSDS is written to the best knowledge and practices known to the manufacturer. Directives consulted: 88/379/EEC; 67/548/EEC; 79/831/EEC; 29 CFR 1910; 30 CFR 47 sub F; 40 CFR 370 and others.

Reason for update:

15 Aug 2016 Updated new SDS information

19 Aug 2016 Updated pH value to physical properties..

06 Feb 2018 Updated section 2