



Revision Number: 004.2

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1. PRODUCT AND COMPANY IDENTIFICATION

Product name: BONDERITE S-ST 6881 AERO known as TURCO 6881 *MBO 275GLS* **IDH number:** 597297
Product type: Paint stripping agents
Restriction of Use: None identified **Region:** United States
Company address: **Contact information:**
 Henkel Corporation Telephone: +1 (860) 571-5100
 Henkel Way One MEDICAL EMERGENCY Phone: Poison Control Center
 Rocky Hill, Connecticut 06067 1-877-671-4608 (toll free) or 1-303-592-1711
 TRANSPORT EMERGENCY Phone: CHEMTREC
 1-800-424-9300 (toll free) or 1-703-527-3887
 Internet: www.henkelna.com

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

DANGER: CAUSES SEVERE SKIN BURNS AND EYE DAMAGE.
 MAY CAUSE AN ALLERGIC SKIN REACTION.
 MAY CAUSE DROWSINESS OR DIZZINESS.

HAZARD CLASS	HAZARD CATEGORY
SKIN CORROSION	1C
SERIOUS EYE DAMAGE	1
SKIN SENSITIZATION	1
SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE	3

PICTOGRAM(S)



Precautionary Statements

Prevention: Do not breathe vapors, mist, or spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves, eye protection, and face protection.

Response: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to remove. Continue rinsing. Immediately call a poison control center or physician. If skin irritation or rash occurs: Get medical attention. Wash contaminated clothing before reuse.

Storage: Store in a well-ventilated place. Keep container tightly closed. Store locked up.

Disposal: Dispose of contents and/or container according to Federal, State/Provincial and local governmental regulations.

Classification complies with OSHA Hazard Communication Standard (29 CFR 1910.1200) and is consistent with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

See Section 11 for additional toxicological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Component(s)	CAS Number	Percentage*
Benzyl alcohol	100-51-6	30 - 60
Hydrogen peroxide	7722-84-1	5 - 10
D-Limonene	5989-27-5	1 - 5
2,2'-But-2-ynylenedioxydiethanol	1606-85-5	1 - 5
Inhibitor	Proprietary	1 - 5
Sodium nitrate	7631-99-4	1 - 5

* Exact percentage is a trade secret. Concentration range is provided to assist users in providing appropriate protections.

4. FIRST AID MEASURES

Inhalation:	If mist or vapor of this product is inhaled, remove person immediately to fresh air. Seek medical attention if symptoms develop or persist.
Skin contact:	For skin contact flush with large amounts of water. Obtain medical attention if irritation persists.
Eye contact:	In case of contact with the eyes, rinse immediately with plenty of water for 15 minutes, and seek immediate medical attention.
Ingestion:	Get immediate medical attention. DO NOT induce vomiting unless directed to do so by medical personnel. Give one to two glasses of water or milk. Never give anything by mouth to a victim who is unconscious or is having convulsions.
Symptoms:	See Section 11.
Notes to physician:	If cyanosis is severe, intravenous injection of methylene blue, 1 mg/kg body weight, may be of value.

5. FIRE FIGHTING MEASURES

Extinguishing media:	Use media appropriate for surrounding material.
Special firefighting procedures:	Wear full protective clothing. Wear self-contained breathing apparatus.
Unusual fire or explosion hazards:	This product is combustible at high temperatures.
Hazardous combustion products:	Irritating and/or toxic fumes and gases may be emitted upon the product's decomposition.

6. ACCIDENTAL RELEASE MEASURES

Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

Environmental precautions:	Prevent further leakage or spillage if safe to do so. Wear appropriate protective equipment and clothing during clean-up. Do not allow product to enter sewer or waterways.
Clean-up methods:	Absorb spill with inert material. Shovel material into appropriate container for disposal. Dispose of according to Federal, State and local governmental regulations.

7. HANDLING AND STORAGE

- Handling:** Avoid contact with eyes, skin and clothing. Avoid breathing vapors or mists of this product. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling. For industrial use only.
- Storage:** For safe storage, store between 2 °C (35.6 °F) and 40 °C (104°F) Keep the container tightly closed and in a cool, well-ventilated place. Do not pressurize, cut, heat or weld containers. Empty product containers may contain product residue. Do not reuse empty containers. To avoid product degradation and equipment corrosion, do not use iron, copper or aluminum containers or equipment.

For information on product shelf life, please review labels on container or check the Technical Data Sheet.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

Hazardous Component(s)	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
Benzyl alcohol	None	None	10 ppm (44.20 mg/m ³) TWA	None
Hydrogen peroxide	1 ppm TWA	1 ppm (1.4 mg/m ³) PEL	None	None
D-Limonene	None	None	30 ppm (165.5 mg/m ³) TWA	None
2,2'-But-2-ynylenedioxydiethanol	None	None	None	None
Inhibitor	None	None	None	None
Sodium nitrate	None	None	None	None

- Engineering controls:** Provide local and general exhaust ventilation to effectively remove and prevent buildup of any vapors or mists generated from the handling of this product.
- Respiratory protection:** If ventilation is not sufficient to effectively prevent buildup of aerosols, mists or vapors, appropriate NIOSH/MSHA respiratory protection must be provided.
- Eye/face protection:** Wear chemical goggles; face shield (if splashing is possible).
- Skin protection:** Wear impervious gloves for prolonged contact. Gloves should be tested to determine suitability for prolonged contact. Use of impervious apron and boots are recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Physical state:** Liquid, emulsion
Color: White
Odor: Sharp
Odor threshold: Not available.
pH: 5.0 - 8.0 (50% solution)
Vapor pressure: 0.07 mm hg Not applicable
Boiling point/range: 100 °C (212°F) calculated
Melting point/ range: Not determined
Specific gravity: 1.03 - 1.05 at 70 °F (21.11 °C)
Vapor density: Not determined
Flash point: > 100 °C (> 212°F)
Flammable/Explosive limits - lower: Not available.
Flammable/Explosive limits - upper: Not available.
Autoignition temperature: Not determined
Evaporation rate: Not determined
Solubility in water: Appreciable
Partition coefficient (n-octanol/water): Not determined
VOC content: 647 g/l

Viscosity: Not available.
Decomposition temperature: Not available.

10. STABILITY AND REACTIVITY

Stability: Stable at normal conditions.

Hazardous reactions: Will not occur.

Hazardous decomposition products: Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

Incompatible materials: This product may react with strong acids or oxidizing agents. This product may react with strong reducing agents. Explosive hydrogen gas may be formed from contact with amphoteric metals (metals which can react either as an acid or as a base).

Reactivity: Not available.

Conditions to avoid: Keep away from heat, ignition sources and incompatible materials.

11. TOXICOLOGICAL INFORMATION

Relevant routes of exposure: Skin, Inhalation, Eyes

Potential Health Effects/Symptoms

Inhalation: This product is irritating to the respiratory system. Can cause pulmonary edema; signs and symptoms can be delayed for several hours.

Skin contact: This product may cause irritation to the skin. Contact with skin can cause irritation and allergic reaction (sensitization) in some individuals. A component in this product may be absorbed through the skin, especially if skin is damaged.

Eye contact: Contact with this product may cause severe eye irritation.

Ingestion: Ingestion of this product may cause nausea, vomiting and diarrhea.

Hazardous Component(s)	LD50s and LC50s	Immediate and Delayed Health Effects
Benzyl alcohol	Oral LD50 (RABBIT) = 1,940 mg/kg Oral LD50 (RAT) = 1,230 - 3,100 mg/kg Oral LD50 (RAT) = 3,100 mg/kg Dermal LD50 (RABBIT) = 2,000 mg/kg Inhalation LC50 (RAT, 8 h) = 1,000 mg/l	Allergen, Central nervous system, Corrosive, Irritant
Hydrogen peroxide	None	Central nervous system, Corrosive, Irritant, Mutagen, Skin
D-Limonene	None	Irritant
2,2'-But-2-ynylendioxydiethanol Inhibitor	None	No Records Irritant
Sodium nitrate	Oral LD50 (RAT) = 1,267 mg/kg Oral LD50 (RABBIT) = 1,600 mg/kg Oral LD50 (RABBIT) = 1,955 mg/kg Oral LD50 (RABBIT) = 2,680 mg/kg	Blood, Central nervous system, Corrosive, Gastrointestinal, Irritant

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Benzyl alcohol	No	No	No
Hydrogen peroxide	No	No	No
D-Limonene	No	No	No
2,2'-But-2-ynylendioxydiethanol	No	No	No
Inhibitor	No	No	No
Sodium nitrate	No	No	No

12. ECOLOGICAL INFORMATION

Ecological information: Harmful to aquatic organisms.

13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal: Follow all local, state, federal and provincial regulations for disposal.

Hazardous waste number: This product, if discarded, may be characterized as a RCRA corrosive waste, D002.

14. TRANSPORT INFORMATION

The transport information provided in this section only applies to the material/formulation itself, and is not specific to any package/configuration.

U.S. Department of Transportation Ground (49 CFR)

Proper shipping name: Corrosive liquids, n.o.s. (Hydrogen peroxide)
Hazard class or division: 8
Identification number: UN 1760
Packing group: III

International Air Transportation (ICAO/IATA)

Proper shipping name: Corrosive liquid, n.o.s. (Hydrogen peroxide)
Hazard class or division: 8
Identification number: UN 1760
Packing group: III

Water Transportation (IMO/IMDG)

Proper shipping name: CORROSIVE LIQUID, N.O.S. (Hydrogen peroxide)
Hazard class or division: 8
Identification number: UN 1760
Packing group: III
Additional information: IMDG-Code: Segregation group 16- Peroxides

15. REGULATORY INFORMATION

United States Regulatory Information

TSCA 8 (b) Inventory Status: All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.

TSCA 12 (b) Export Notification: None above reporting de minimis

CERCLA/SARA Section 302 EHS: None above reporting de minimis
CERCLA/SARA Section 311/312: Immediate Health, Delayed Health

CERCLA/SARA Section 313: This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372). Sodium nitrate (CAS# 7631-99-4).

California Proposition 65: This product contains a chemical known in the State of California to cause cancer.

Canada Regulatory Information

CEPA DSL/NDSL Status: All components are listed on or are exempt from listing on the Canadian Domestic Substances List.

16. OTHER INFORMATION

This safety data sheet contains changes from the previous version in sections: New Material Safety Data Sheet format.

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