



Revision Number: 004.3

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## 1. IDENTIFICATION

**Product name:** BONDERITE S-ST 6776 THIN AERO  
**known as TURCO 6776 THIN**  
**Product type/** Paint stripping agents  
**Recommended use:**  
**Restriction of Use:** None identified  
**Company address:** Henkel Corporation  
 One Henkel Way  
 Rocky Hill, Connecticut 06067

**IDH number:** 597019

**Region:** United States  
**Contact information:**  
 Telephone: +1 (860) 571-5100  
 MEDICAL EMERGENCY Phone: Poison Control Center  
 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:** H302 - HARMFUL IF SWALLOWED.  
 H314 - CAUSES SEVERE SKIN BURNS AND EYE DAMAGE.  
 H317 - MAY CAUSE AN ALLERGIC SKIN REACTION.

HAZARD CLASS	HAZARD CATEGORY
ACUTE TOXICITY ORAL	4
SKIN CORROSION	1B
SERIOUS EYE DAMAGE	1
SKIN SENSITIZATION	1

### PICTOGRAM(S)



### Precautionary Statements

**Prevention:** P260 - Do not breathe vapors, mist, or spray.  
 P264 - Wash affected area thoroughly after handling.  
 P270 - Do not eat, drink or smoke when using this product.  
 P272 - Contaminated work clothing should not be allowed out of the workplace.  
**Response:** P280 - Wear protective gloves, clothing, eye and face protection.  
 P301+P312+P330 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
 P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
 P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing.  
 P304+P340+P310 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or physician.  
 P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P333+P313 - If skin irritation or rash occurs: Get medical attention.  
 P362+P364 - Take off contaminated clothing and wash it before reuse.  
**Storage:** P405 - Store locked up.  
**Disposal:** P501 - Dispose of contents and/or container according to Federal, State/Provincial and local governmental regulations.

**Other hazards** Not available.

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	Weight %*
benzyl alcohol	100-51-6	10 - 30
Formic acid	64-18-6	10 - 30
Sodium xylene sulfonate	1300-72-7	10 - 30
Petroleum distillates, hydrotreated, light naphthenic	64742-53-6	5 - 10
2-Mercaptobenzothiazole	149-30-4	0.1 - 1

\* Exact percentages may vary or are trade secret. Concentration range is provided to assist users in providing appropriate protections.

### 4. FIRST AID MEASURES

#### First Aid Measures by likely routes of exposure

<b>Inhalation:</b>	If mist or vapor of this product is inhaled, remove person immediately to fresh air. Seek medical attention if symptoms develop or persist.
<b>Skin contact:</b>	For skin contact flush with large amounts of water. Obtain medical attention if irritation persists.
<b>Eye contact:</b>	In case of contact with the eyes, rinse immediately with plenty of water for 15 minutes, and seek immediate medical attention.
<b>Ingestion:</b>	Get 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.
<b>Most important symptoms and effects (acute and delayed):</b>	The most important known symptoms and effects, both acute and delayed, are described in Section 11: Toxicological Information.
<b>Indication of any immediate medical attention / special treatment needed:</b>	This material, if aspirated into the lungs, may cause lipid pneumonitis. Treat affected person appropriately.

### 5. FIRE FIGHTING MEASURES

<b>Extinguishing media:</b>	Use media appropriate for surrounding material.
<b>Improper extinguishing agents:</b>	Not available.
<b>Special firefighting procedures:</b>	Wear full protective clothing. Wear self-contained breathing apparatus.
<b>Unusual fire or explosion hazards:</b>	This product is an aqueous mixture which will not burn.
<b>Hazardous combustion products:</b>	Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

### 6. ACCIDENTAL RELEASE MEASURES

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

<b>Environmental precautions:</b>	Prevent further leakage or spillage if safe to do so. Contain spill. Ventilate area. Do not allow product to enter sewer or waterways. Isolate area. Keep unnecessary personnel away.
<b>Clean-up methods:</b>	Collect spilled material with an inert absorbent such as sand or vermiculite. Place in properly labeled closed container. Dispose of according to Federal, State and local governmental regulations.

## 7. HANDLING AND STORAGE

**Handling:** Avoid contact with eyes, skin and clothing. Provide adequate ventilation. Avoid breathing vapors or mists of this product. Wash thoroughly after handling. Do not reuse the empty container.

**Storage:** Store in a cool, dry, well-ventilated area. Store between 40°F and 100°F. (5° and 38°C).  
For safe storage, store between 32 °F (0°C) and 122 °F (50°C)  
Keep the container tightly closed and in a cool, well-ventilated place.

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/m3) TWA	None
Formic acid	5 ppm TWA	5 ppm (9 mg/m3) PEL	None	None
Petroleum distillates, hydrotreated, light naphthenic	5 mg/m3 TWA Inhalable fraction.	5 mg/m3 PEL Mist. 500 ppm (2,000 mg/m3) PEL	None	None
2-Mercaptobenzothiazole	None	None	(SKIN) 5 mg/m3 TWA (Skin sensitizer.)	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:** Chemical resistant, impermeable gloves. Use of impervious apron and boots are recommended.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state:</b>	Liquid
<b>Color:</b>	Amber
<b>Odor:</b>	Sharp
<b>Odor threshold:</b>	Not available.
<b>pH:</b>	< 2
<b>pH:</b>	1.5
<b>Vapor pressure:</b>	17 mm hg
<b>Boiling point/range:</b>	> 101 °C (> 213.8 °F)None
<b>Melting point/ range:</b>	Not determined
<b>Density/Relative density:</b>	1.04 - 1.07 at 25 °C (77°F)
<b>Relative vapor density:</b>	Not determined
<b>Flash point:</b>	> 200 °F (> 93.33 °C) Cleveland open cup> 93 °C (> 199.4 °F) HST-US E38F; Cleveland Open Cup (Coc) Flash Point
<b>Flammable/Explosive limits - lower:</b>	Not determined
<b>Flammable/Explosive limits - upper:</b>	Not determined
<b>Autoignition temperature:</b>	Not determined
<b>Flammability:</b>	Not applicable
<b>Evaporation rate:</b>	Not available.
<b>Solubility:</b>	Appreciable Water
<b>Partition coefficient n-octanol/water (logarithmic value):</b>	Not determined
<b>VOC content:</b>	315 g/l Estimated
<b>Dynamic viscosity:</b>	Not available.
<b>Kinematic viscosity:</b>	Not available.
<b>Particle characteristics:</b>	Not available.
<b>Decomposition temperature:</b>	Not available.

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable at normal conditions.
<b>Hazardous reactions:</b>	Will not occur.
<b>Hazardous decomposition products:</b>	Upon decomposition, this product may yield sulfur dioxide, carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.
<b>Incompatible materials:</b>	May react with strong bases or oxidizing agents.
<b>Reactivity:</b>	Not available.
<b>Conditions to avoid:</b>	Avoid excessive heat and ignition sources.

## 11. TOXICOLOGICAL INFORMATION

<b>Likely routes of exposure:</b>	Skin, Inhalation, Eyes, Ingestion
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### Potential Health Effects/Symptoms

<b>Inhalation:</b>	This product is irritating to the respiratory system. Inhalation of high vapor concentrations may produce respiratory irritation, and may cause central nervous system (CNS) depression. Chronic inhalation overexposure may produce kidney or bladder damage.
<b>Skin contact:</b>	Contact with liquid may produce severe skin irritation including redness, inflammation and chemical burns. This product may cause an allergic skin reaction.
<b>Eye contact:</b>	This product is severely irritating to the eyes and may cause irreversible damage including burns and blindness.
<b>Ingestion:</b>	Ingestion may produce burns to the lips, oral cavity, upper airway, esophagus and possibly the digestive tract.

Hazardous Component(s)	LD50s and LC50s
benzyl alcohol	Oral LD50 (Mouse) = 1,580 mg/kg Oral LD50 (Rat) = 1,230 - 3,100 mg/kg Oral LD50 (Rabbit) = 1,940 mg/kg Oral LD50 (Rat) = 3,100 mg/kg Dermal LD50 (Rabbit) = 2,000 mg/kg Inhalation LC50 (Rat, 4 h) = 8.8 mg/l Inhalation LC50 (Rat, 4 h) = > 4,178 mg/l
Formic acid	Oral LD50 (Mouse) = 700 mg/kg Oral LD50 (Rat) = 730 mg/kg
Sodium xylene sulfonate	None
Petroleum distillates, hydrotreated, light naphthenic	Inhalation LC50 (Rat, 4 h) = 10.5 mg/l Inhalation LC50 (Rat, 4 h) = > 4.026 mg/l Inhalation LC50 (Rat, 4 h) = > 5.2 mg/l Inhalation LC50 (Rat, 4 h) = 9.6 mg/l Inhalation LC50 (Rat, 4 h) = 2.18 mg/l Inhalation LC50 (Rat, 4 h) = > 5 mg/l Inhalation LC50 (Rat, 4 h) = < 5.7 mg/l
2-Mercaptobenzothiazole	Oral LD50 (Mouse) = 3,148 mg/kg Oral LD50 (Mouse) = 1,558 mg/kg Oral LD50 (Mouse) = 1,490 mg/kg Inhalation LC50 (Rat, 4 h) = > 1,270 mg/l

Hazardous Component(s)	Immediate Health Effects	Delayed Health Effects	Chronic Health Effects
benzyl alcohol	Corrosive Irritant	Allergen	Central nervous system
Formic acid	Corrosive Irritant		Central nervous system Kidney Metabolic
Sodium xylene sulfonate	Irritant		
Petroleum distillates, hydrotreated, light naphthenic	Irritant		
2-Mercaptobenzothiazole		Allergen	Kidney Some evidence of carcinogenicity

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
benzyl alcohol	No	No	No
Formic acid	No	No	No
Sodium xylene sulfonate	No	No	No
Petroleum distillates, hydrotreated, light naphthenic	No	No	No
2-Mercaptobenzothiazole	No	Group 2A	No

## 12. ECOLOGICAL INFORMATION

**Ecological information:** Not available.

### 13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

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

### 14. TRANSPORT INFORMATION

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

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

**Proper shipping name:** Formic acid solution  
**Hazard class or division:** 8  
**Identification number:** UN 3412  
**Packing group:** II  
**DOT Hazardous Substance(s):** Formic acid

#### International Air Transportation (ICAO/IATA)

**Proper shipping name:** Formic acid solution  
**Hazard class or division:** 8  
**Identification number:** UN 3412  
**Packing group:** II

#### Water Transportation (IMO/IMDG)

**Proper shipping name:** FORMIC ACID solution  
**Hazard class or division:** 8  
**Identification number:** UN 3412  
**Packing group:** II

### 15. REGULATORY INFORMATION

#### United States Regulatory Information

**TSCA 8 (b) Inventory Status:** All components are listed as active or are exempt from listing on the Toxic Substances Control Act (TSCA) 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:** Please refer to the GHS classification in Section 2  
**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). Formic acid (CAS# 64-18-6). 2-Mercaptobenzothiazole (CAS# 149-30-4). Benz(a)anthracene (CAS# 56-55-3).

**CERCLA Reportable quantity:** Formic acid (CAS# 64-18-6) 5,000 lbs. (2,270 kg)

**California Proposition 65:** This product contains a chemical known in the State of California to cause cancer. This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

#### Canada Regulatory Information

**CEPA DSL/NDSL Status:** Contains one or more components listed on the Non-Domestic Substances List. All other components are listed on or are exempt from listing on the Domestic Substances List. Components listed on the NDSL must be tracked by all Canadian Importers of Record as required by Environment Canada. They may be imported into Canada in limited quantities. Please contact Regulatory Affairs for additional details.

### 16. OTHER INFORMATION

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

**Prepared by:** Product Safety and Regulatory Affairs

**Issue date:** 04/14/2025

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