

# Safety Data Sheet



Stock Number: 3157129  
Revision Date: 01-19-2022  
Replaces: 08-26-2019

## TECTYL® 351S

### 1. Identification

**Product identifier used on the label:** TECTYL® 351S  
**Stock Number:** 3157129

**Other means of identification:**  
**Synonyms:** None  
**Chemical family:** Mixture

**Recommended use of the chemical and restrictions on use:**  
**Recommended use:** Corrosion preventive coating (water-based)  
**Restrictions on use:** Uses other than those described above

**Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party:** Daubert Chemical Company  
4700 S. Central Avenue  
Chicago, IL 60638

**Telephone number:** 1-708-496-7350  
**E-mail address:** SDS@Daubert.com

**Emergency phone number:** Chemtrec: (800) 424-9300 - in USA and Canada  
+1-703-527-3887 - outside USA and Canada

### 2. Hazard(s) identification

#### Classification of the chemical in accordance with paragraph (d) of §1910.1200:

**GHS Classification:** Not classified as hazardous in accordance with paragraph (d) of §1910.1200

**Hazard Statements:** Not hazardous under OSHA regulations.

**Unclassified Hazards (HNOC):** DO NOT FREEZE ---- FREEZING WILL CAUSE PERMANENT DAMAGE!!

**Hazards not otherwise classified:** Crystalline silica, when present in paint, grease, or a liquid coating, is not known to present a carcinogen hazard as it is bound within a matrix. Risks associated with this chemical is attributable to dust (inhalation) exposures, and not to exposures from formulated products, like paint, grease, or a liquid coating, where the dust is embedded in the mixture and not available for exposure. Particles released from sanding and sawing mixtures, including paints, lacquers, and epoxy solids containing crystalline silica, have been characterized. Pure chemical particles are not released during these uses, but rather the particles remain embedded in the coating matrices.

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## 3. Composition/information on ingredients

Chemical Name	Common name and synonyms	CAS #	%
Crystalline Silica (Quartz)	None	14808-60-7	0.1 - 1

Specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

## 4. First-aid measures

Description of necessary measures, subdivided according to the different routes of exposure, i.e., inhalation, skin and eye contact, and ingestion:

<b>Inhalation:</b>	If symptoms are experienced remove source of contamination or move victim to fresh air and obtain medical advice.
<b>Eye Contact:</b>	Use an eye wash to remove a chemical from your eye regardless of the level of hazard. Flush the affected eye for at least twenty minutes. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Seek medical advice after flushing.
<b>Skin Contact:</b>	Wash with soap and water. Get medical attention if irritation develops or persists.
<b>Ingestion:</b>	Minimal risk of harm if swallowed. Do not induce vomiting. Seek medical attention immediately. Provide medical care provider with this SDS.

**Most important symptoms/effects, acute and delayed:** See Section 11

**Indication of immediate medical attention and special treatment needed, if necessary:** Consult a physician. Treat symptomatically.

## 5. Fire-fighting measures

**Suitable (and unsuitable) extinguishing media:**

**Suitable extinguishing media:** Water-based. Not combustible as supplied. Use extinguishing media appropriate for surrounding fire.

**Unsuitable extinguishing media:** No data available

**Specific hazards arising from the chemical:** Water-based. Material will not ignite or burn as supplied.

**Hazardous combustion products:** Oxides of carbon

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Special protective equipment and precautions for fire-fighters:

Will not burn. No special instructions available.

## 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:

No health effects expected from the clean-up of this material if contact can be avoided. Follow personal protective equipment recommendations found in Section VIII of this SDS

Methods and materials for containment and cleaning up:

Collect and discard in accordance with local, state and national regulations.

## 7. Handling and storage

Precautions for safe handling:

Mildly irritating material. Avoid unnecessary exposure. Do not get in eyes, on skin and clothing. Wash thoroughly after handling. As with all chemicals, good industrial hygiene practices should be followed when handling this material.

Conditions for safe storage, including any incompatibilities:

Safe storage conditions:

Keep from freezing. Keep container closed when not in use. Store in a cool dry place.

Materials to Avoid/Chemical Incompatibility:

Strong oxidizing agents

## 8. Exposure controls/personal protection

OSHA permissible exposure limit (PEL), American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV), and any other exposure limit used or recommended by the chemical manufacturer, importer, or employer preparing the safety data sheet, where available:

Chemical component	OSHA PEL	ACGIH TLV	ACGIH STEL	IDLH
Crystalline Silica (Quartz)	0.05 mg/m <sup>3</sup> (respirable dust)	0.025 mg/m <sup>3</sup> (respirable dust)		No data available

Appropriate engineering controls:

General room ventilation might be required to maintain operator comfort under normal conditions of use.

Individual protection measures, such as personal protective equipment:

Respiratory Protection:

No respiratory protection required under normal conditions of use. Provide general room exhaust ventilation if symptoms of overexposure occur. A respirator is not normally required.

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<b>Eye protection:</b>	Wear safety glasses when handling this product.
<b>Skin protection:</b>	Not normally considered a skin hazard. Where use of product can result in skin contact, practice good personal hygiene and wear a barrier cream and/or impervious surgical style gloves. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work.
<b>Gloves:</b>	Chemically resistant gloves
<b>Other protective equipment:</b>	Wear safety glasses when handling this product.  Not normally considered a skin hazard. Where use of product can result in skin contact, practice good personal hygiene and wear a barrier cream and/or impervious surgical style gloves. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work.
<b>General hygiene conditions:</b>	Remove contaminated clothing and wash before reuse. Do not get in eyes, on skin and clothing. Wash thoroughly after handling. As with all chemicals, good industrial hygiene practices should be followed when handling this material.

## 9. Physical and chemical properties

### Appearance (physical state, color etc.):

<b>Physical state:</b>	Liquid
<b>Color:</b>	Brown
<b>Odor:</b>	Mild  Petroleum Type
<b>Odor Threshold:</b>	No data available
<b>pH:</b>	6.4
<b>Melting point/freezing point (°C):</b>	
<b>Melting Point (°C):</b>	No data available
<b>Freezing point (°C):</b>	No data available
<b>Initial boiling point and boiling range (°C):</b>	No data available
<b>Flash Point:</b>	Not measurable (water-based, >200°F)
<b>Evaporation Rate:</b>	No data available
<b>Flammability (solid, gas):</b>	No data available
<b>Upper/lower flammability or explosive limits:</b>	
<b>Upper flammability or explosive limits:</b>	No data available

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Lower flammability or explosive limits:	No data available
Vapor pressure:	No data available
Vapor density:	No data available
Relative density:	1.025
Solubility(ies):	Dispersible
Partition coefficient: n-octanol/water:	No data available
Auto-ignition temperature (°C):	No data available
Decomposition Temperature (°C):	No data available
Viscosity:	Typical 15500 cP
Volatiles, % by weight:	50.00
VOC, Material, lb/gal	0
VOC, Material, grams/liter	0
VOC minus exempt solvents & water, g/L	0

## 10. Stability and reactivity

Reactivity:	Not expected to be reactive
Chemical stability:	Stable under normal conditions.
Possibility of hazardous reactions:	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid (e.g., static discharge, shock, or vibration):	Contamination.
Incompatible materials:	Strong oxidizing agents
Hazardous decomposition products:	Under normal conditions of use & storage, decomposition and hazardous decomposition products are unlikely.

## 11. Toxicological information

Description of the various toxicological (health) effects and the available data used to identify those effects:

Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact): Eye contact, Skin contact, Inhalation

Symptoms related to the physical, chemical and toxicological characteristics: No data available

Delayed and immediate effects and also chronic effects from short- and long-term exposure:

Ingestion Toxicity: Harmful if swallowed.

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<b>Skin Contact:</b>	Can cause minor skin irritation, defatting, and dermatitis.
<b>Inhalation Toxicity:</b>	No data available
<b>Eye Contact:</b>	Can cause minor irritation, tearing and reddening.
<b>Sensitization:</b>	None known
<b>Mutagenicity:</b>	No data
<b>Reproductive and Developmental Toxicity:</b>	No data available
<b>Carcinogenicity:</b>	Crystalline Silica: This product contains mined materials which generally contain small amounts of crystalline silica (CAS# 14808-60-7, quartz sand) above 0.1% as a naturally occurring impurity. IARC Monographs on the evaluations of the carcinogenic Risk of Chemicals to Humans (Volume 42, 1987) concludes that there is "limited evidence" of the carcinogenicity of crystalline silica to humans. IARC classification 2A. Crystalline silica in a coating product, either in wet or dry form, is encapsulated and unlikely to be present in small enough particles to present an inhalation risk. Normal dust precautions should be taken if the dry coating is to be severely abraded by sanding or sandblasting.
<b>STOT-single exposure:</b>	Based on available data, the classification criteria are not met.
<b>STOT-repeated exposure:</b>	Based on available data, the classification criteria are not met.
<b>Aspiration hazard:</b>	Based on available data, the classification criteria are not met.

## Numerical measures of toxicity (such as acute toxicity estimates):

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
No data available			

Is the hazardous chemical listed in the National Toxicology Program (NTP) Report on Carcinogens (latest edition) or has it been found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs (latest edition), or by OSHA?:

Chemical Name	OSHA Carcinogen	IARC Carcinogen	NTP Carcinogen
Quartz	N	Y	N

## 12. Ecological information

Ecotoxicity (aquatic and terrestrial, where available): No data available

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## Ecological Toxicity Data:

Chemical Name	CAS #	Aquatic EC50 Crustacea	Aquatic ERC50 Algae	Aquatic LC50 Fish
No data available				

**Persistence and degradability:** No data

**Bioaccumulative potential:** No data available

**Mobility in soil:** No data available

**Other adverse effects (such as hazardous to the ozone layer):** No data available

## 13. Disposal considerations

**Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging:**

Spent or discarded material is non-hazardous according to environmental regulations.

Dispose of in accordance with Local and National regulations.

## 14. Transport information

<b>Domestic Ground in containers &lt;= 119 GL</b>	Coating, water-based/Non-Hazardous
<b>Domestic Ground in containers &gt; 119 GL</b>	Coating, water-based/Non-Hazardous
<b>Shipping name for Export, Air (IATA)</b>	Coating, water-based/Non-Hazardous
<b>Shipping name for Export, Sea (IMDG)</b>	Coating, water-based/Non-Hazardous
<b>Marine Pollutant?</b>	No

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## 15. Regulatory information

### International Inventory

Country(s) or region		On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippines Inventory of Chemicals and Chemical Substances (PICCS)	Yes
Taiwan	Taiwan Inventory	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or are unknown from listing on the inventory administered by the governing country(s).

Chemical Name	CAS #	Regulation	Percent
Crystalline silica	14808-60-7	Prop. 65 - Cancer	0.1 - 1



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Contains no components from California Prop. 65 - Developmental/Reproductive list	Prop. 65 - Developmental and/or Reproductive
No CERCLA-listed chemicals in this product.	CERCLA
No 313-listed chemicals in this product.	SARA 313
No SARA 302 EHS-listed chemicals in this product.	SARA EHS

<b>16. Other information, including date of preparation or last revision.</b>
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SDS Prepared by: DAUBERT\HALINSKI

Revision Date: 01-19-2022

Revision Number: 22

Reason for revision: Reviewed  
Approved: M. Duncan

**Disclaimer:** Although the information contained herein is believed to be reliable, it is furnished without warranty of any kind. This information is not intended to be all-inclusive as to the manner and conditions of use, handling, and storage.