

Safety Data Sheet



Stock Number: 5187012
Revision Date: 06-20-2019
Replaces: 02-22-2019

TECTYL® 5187

1. Identification

Product identifier used on the label: TECTYL® 5187
Stock Number: 5187012

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

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"

Hazards not otherwise classified: No data available

3. Composition/information on ingredients

Chemical Name	Common name and synonyms	CAS #	%
Ethylene glycol mono-n-butyl ether	None	111-76-2	1 - 5

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

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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:

- Inhalation:** Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen.
- Eye Contact:** Flush eyes with plenty of water for at least 20 minutes retracting eyelids often. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get immediate medical attention.
- Skin Contact:** Wash with soap and water. Remove contaminated clothing and launder. Get medical attention if irritation develops or persists.
- Ingestion:** Do not induce vomiting and seek medical attention immediately. Provide medical care provider with this SDS. If vomiting occurs, lean victim forward to reduce risk of aspiration into lungs.

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, Hydrocarbons, Toxic gases

Special protective equipment and precautions for fire-fighters: Will not burn. No special instructions available.

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6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Exposure to the spilled material may be irritating or harmful. Follow personal protective equipment recommendations found in Section 8 of this SDS. Additional precautions may be necessary based on special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred. Also consider the expertise of employees in the area responding to the spill.

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:

Store in a cool dry place. Isolate from incompatible materials. Keep from freezing.

Materials to Avoid/Chemical Incompatibility:

Oxidizing materials

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
Ethylene glycol mono-n-butyl ether	50 ppm TWA; 240 mg/m ³ TWA	20 ppm TWA	No data available	No data available

Appropriate engineering controls:

Local exhaust ventilation or other engineering controls are normally required when handling or using this product to avoid overexposure.

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Individual protection measures, such as personal protective equipment:

Respiratory Protection:

Respiratory protection may be required to avoid overexposure when handling this product. General or local exhaust ventilation is the preferred means of protection. Use a respirator if general room ventilation is not available or sufficient to eliminate symptoms. Follow a respiratory protection program that meets 29 CFR 1910.134 and ANSI Z88.2 requirements whenever work place conditions warrant the use of a respirator.

Eye protection:

Wear chemically resistant safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material. Do not wear contact lenses. Have an eye wash station available.

Skin protection:

Wear protective gloves. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work.

Gloves:

Chemically resistant gloves

Other protective equipment:

Wear chemically resistant safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material. Do not wear contact lenses. Have an eye wash station available.

Wear protective gloves. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work.

General hygiene conditions:

Use non-sparking tools when opening or closing containers. Use with adequate ventilation. Remove contaminated clothing and wash before reuse. Ground and bond containers when transferring material. Special care must be taken to avoid inhalation exposure when using this product at high temperatures (above 300 degrees F) or if product is sanded, ground or cut. "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. Follow all SDS/label precautions even after container is emptied because it may retain product residues. Do not use pressure to empty container. Use spark-proof tools and explosion-proof equipment. Do not enter storage area unless adequately ventilated. Avoid contact with material, avoid breathing dusts or fumes, use only in a well ventilated area. Do not get in eyes, on skin and clothing.

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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.):

Physical state:	Viscous Liquid
Color:	Black
Odor:	Ammonia
Odor Threshold:	No data available
pH:	9.0
Melting point/freezing point (°C):	
Melting Point (°C):	No data available
Freezing point (°C):	No data available
Initial boiling point and boiling range (°C):	No data available
Flash Point:	Not measurable (water-based, >200°F)
Evaporation Rate:	No data available
Flammability (solid, gas):	No data available
Upper/lower flammability or explosive limits:	
Upper flammability or explosive limits:	No data available
Lower flammability or explosive limits:	No data available
Vapor pressure:	No data available
Vapor density:	No data available
Relative density:	0.95
Solubility(ies):	Complete; 100%
Partition coefficient: n-octanol/water:	No data available
Auto-ignition temperature (°C):	No data available
Decomposition Temperature (°C):	No data available
Viscosity:	Typical 5500 cP
Volatiles, % by weight:	60.9
VOC, Material, lb/gal	0.28
VOC, Material, grams/liter	33.0
VOC minus exempt solvents & water, g/l	73

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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):	Temperatures above flash point in combination with sparks, open flames, or other sources of ignition. High temperatures. Contamination.
Incompatible materials:	Oxidizing materials
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
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Symptoms related to the physical, chemical and toxicological characteristics:	No data available
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Delayed and immediate effects and also chronic effects from short- and long-term exposure:

Ingestion Toxicity:	Harmful if swallowed.
Skin Contact:	Can cause moderate skin irritation, defatting, and dermatitis. Not likely to cause permanent damage.
Inhalation Toxicity:	Non-Toxic. Not known to cause systemic damage.
Eye Contact:	Can cause moderate irritation, tearing and reddening, but not likely to permanently injure eye tissue. Lachrymator.
Sensitization:	None known
Mutagenicity:	No data
Reproductive and Developmental Toxicity:	No data available

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Carcinogenicity:

Carbon black has been classified by IARC as a Category 2B (known animal carcinogen, possible human carcinogen) material. This was based on the results of rat inhalation studies of carbon black, despite the lack of parallel evidence on humans or other animal species. Carbon Black 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 precautions should be taken if the dry coating is to be severely abraded by sanding or sandblasting.

STOT-single exposure:

Based on available data, the classification criteria are not met.

STOT-repeated exposure:

Based on available data, the classification criteria are not met.

Aspiration hazard:

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
Ethylene glycol mono-n-butyl ether	Oral LD50 Rat = 1300 mg/kg	Dermal LD50 Rat 2000 mg/kg	Inhalation LC50 (4h) Guinea pig 932 ppm

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
Carbon black	N	Y	N

12. Ecological information

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

Ecological Toxicity Data:

Chemical Name	CAS #	Aquatic EC50 Crustacea	Aquatic ERC50 Algae	Aquatic LC50 Fish
Ethylene glycol mono-n-butyl ether	111-76-2	LC50(24HR) WATER FLEA > 1720 mg/L	No data available	LC50(96 HR) BLUEGILL SUNFISH = 1490 mg/L

Persistence and degradability:

No data

Bioaccumulative potential:

No data available

Mobility in soil:

No data available

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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 may be a hazardous waste. Dispose of in accordance with Local and National regulations.

Waste codes / waste designations: Not applicable

14. Transport information

Domestic Ground in containers <= 119 GL Corrosion preventive/Non-Hazardous

Domestic Ground in containers > 119 GL Corrosion preventive/Non-Hazardous

Shipping name for Export, Air (IATA) Corrosion preventive/Non-Hazardous

Shipping name for Export, Sea (IMDG) Corrosion preventive/Non-Hazardous

Marine Pollutant? No

15. Regulatory information

Status of formula components on selected national regulatory inventories:

LIST	STATUS
TSCA	All components in this product are on the TSCA Inventory or exempt.
Canadian DSL	All chemical substances in this material are included on or exempted from listing on the Canadian DSL.

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Chemical Name	CAS #	Regulation	Percent
Carbon black	1333-86-4	Prop. 65 - Cancer	0.1 - 1
Contains no components from California Prop. 65 - Developmental/Reproductive list		Prop. 65 - Developmental and/or Reproductive	
2-Dimethylaminoethanol	108-01-0	CERCLA	0.5 - 1.5 RQ = 100 lbs
Glycol ethers (N230)	111-76-2	SARA 313	1 - 5
Barium compounds (N040)	25619-56-1	SARA 313	0.1 - 1
No SARA 302 EHS-listed chemicals in this product.		SARA EHS	

16. Other information, including date of preparation or last revision.

SDS Prepared by: DAUBERT\HALINSKI

Revision Date: 06-20-2019

Revision Number: 18

Reason for revision: Reviewed
Approved: M. Longo

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