

Safety Data Sheet



Stock Number: 3089037
Revision Date: 12-08-2021
Replaces: 07-12-2021

TECTYL® 300G HF BLACK 2.1

1. Identification

Product identifier used on the label: TECTYL® 300G HF BLACK 2.1
Stock Number: 3089037

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



Recommended use of the chemical and restrictions on use:

Recommended use: Corrosion Preventive Compound
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 Hazard Symbols:



GHS Classification: Skin Corrosion/Irritation Category 2; Serious Eye Damage/Eye Irritation Category 2A

Signal Word: Warning

Hazard Statements: Causes skin irritation
Causes serious eye irritation

Unclassified Hazards (HNOC): "DO NOT FREEZE"

Precautionary Statements:

Prevention: Wash thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection.

Response: If on skin: Wash with plenty of water.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Safety Data Sheet

Product identifier used on the label: TECTYL® 300G HF BLACK 2.1

Stock Number: 3089037

Revision Date: 12-08-2021

Replaces: 07-12-2021

Specific treatment: see Section 4 on this SDS.

If skin irritation occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

Take off contaminated clothing and wash it before reuse.

Hazards not otherwise classified:

Carbon black, 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 carbon black, have been characterized. Pure chemical particles are not released during these uses, but rather the particles remain embedded in the coating matrices.

3. Composition/information on ingredients

Chemical Name	Common name and synonyms	CAS #	%
Ethylene glycol mono-n-butyl ether	None	111-76-2	10 - 30
Carbon black	None	1333-86-4	1 - 5

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:

Inhalation:	If symptoms are experienced remove source of contamination or move victim to fresh air and obtain medical advice.
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. 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.

Safety Data Sheet

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Stock Number: 3089037

Revision Date: 12-08-2021

Replaces: 07-12-2021

Most important symptoms/effects, acute and delayed: Causes skin irritation. Causes serious eye irritation

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: Use water fog, foam, dry chemical, or carbon dioxide (CO₂) to extinguish flames.

Use methods suitable to fight surrounding fire.

Unsuitable extinguishing media: Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical: Material may be ignited only if preheated to temperatures above the high flash point, for example in a fire. Container may explode in heat of fire.

Hazardous combustion products: Oxides of carbon, Toxic fumes, Toxic gases, Hydrocarbons

Special protective equipment and precautions for fire-fighters: Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Fight fire from a safe distance and a protected location due to the potential of hazardous vapors and decomposition products.

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: Absorb or cover with dry earth, sand or other non-combustible material and transfer to appropriate waste containers. Use clean, non-sparking tools to collect absorbed material. Collect and discard in accordance with local, state and national regulations.

7. Handling and storage

Precautions for safe handling: Avoid contacting and avoid breathing the material. Use only in a well-ventilated area. As with all chemicals, good industrial hygiene practices should be followed when handling this material. Do not get in eyes, on skin and clothing.

Safety Data Sheet

Product identifier used on the label: TECTYL® 300G HF BLACK 2.1

Stock Number: 3089037

Revision Date: 12-08-2021

Replaces: 07-12-2021

Conditions for safe storage, including any incompatibilities:

Safe storage conditions: Store in a cool dry place. Isolate from incompatible materials. Keep from freezing. Keep away from heat, sparks, and flame. Keep container closed when not in use.

Materials to Avoid/Chemical Incompatibility: Oxidizing materials, Strong alkalies, Strong acids

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
Carbon black	3.5 mg/m ³ (inhalable)	3.5 mg/m ³ (inhalable)		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.

Individual protection measures, such as personal protective equipment:

Respiratory Protection: Proper ventilation (at a minimum) will be required when handling this product. Use respirators (NIOSH approved) only if ventilation cannot be used to eliminate symptoms or reduce the exposure to below acceptable levels.

Eye protection: Wear chemically resistant safety glasses with side shields when handling this product. Do not wear contact lenses.

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: Nitrile

Other protective equipment: Wear chemically resistant safety glasses with side shields when handling this product. Do not wear contact lenses.

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.

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Stock Number: 3089037

Revision Date: 12-08-2021

Replaces: 07-12-2021

General hygiene conditions: "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. As with all chemicals, good industrial hygiene practices should be followed when handling this material. Remove contaminated clothing and wash before reuse. Wash thoroughly after handling. Do not get in eyes, on skin and clothing.

9. Physical and chemical properties

Appearance (physical state, color etc.):

Physical state: Liquid

Color: Black

Odor: Ammonia

Slight

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: > 201 °F (94 °C)

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: 17.5 mmHg @ 20°C

Vapor density: No data available

Relative density: 1.013

Solubility(ies): Not determined

Partition coefficient: n-octanol/water: No data available

Auto-ignition temperature (°C): No data available

Decomposition Temperature (°C): No data available

Viscosity: 28 sec, Zahn

Volatiles, % by weight: 74.5

VOC, Material, lb/gal 1.12

Safety Data Sheet

Product identifier used on the label: TECTYL® 300G HF BLACK 2.1

Stock Number: 3089037

Revision Date: 12-08-2021

Replaces: 07-12-2021

VOC, Material, grams/liter 134.3

VOC minus exempt solvents & water, g/L 347.5

10. Stability and reactivity

Reactivity:	Not expected to be reactive
Chemical stability:	Hazardous polymerization will not occur.
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. Freezing temperatures (will cause permanent damage). High temperatures. Contamination.
Incompatible materials:	Oxidizing materials, Strong alkalis, Strong acids
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: Causes skin irritation. Causes serious eye irritation

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

Ingestion Toxicity: Harmful if swallowed.

Skin Contact: Can cause minor skin irritation, defatting, and dermatitis.

Inhalation Toxicity: No data available

Eye Contact: Can cause moderate irritation, tearing and reddening, but not likely to permanently injure eye tissue.

Sensitization: None known

Mutagenicity: No data

Reproductive and Developmental Toxicity: No data available

Safety Data Sheet

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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
Carbon black	Oral LD50 Rat > 8000 mg/kg		

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
Carbon black	1333-86-4	EC50(24HR) WATER FLEA > 5600 mg/L	EC50(72HR) ALGAE > 10000 mg/L	LC50(96 HR) ZEBRA FISH > 1000 mg/L

Persistence and degradability: No data

Safety Data Sheet

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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 may be a hazardous waste.
Dispose of by incineration following Federal, State, Local, or Provincial regulations.

14. Transport information

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

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

Safety Data Sheet

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Stock Number: 3089037

Revision Date: 12-08-2021

Replaces: 07-12-2021

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
Carbon black	1333-86-4	Prop. 65 - Cancer	1 - 5
Contains no components from California Prop. 65 - Developmental/Reproductive list		Prop. 65 - Developmental and/or Reproductive	
Ammonium Hydroxide	1336-21-6	CERCLA	<0.1 RQ = 1000 lbs.
Glycol ethers (N230)	111-76-2	SARA 313	10 - 30
Cobalt Compounds (N096)	136-52-7	SARA 313	<0.1
Ammonium Hydroxide	1336-21-6	SARA 313	<0.1

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Stock Number: 3089037

Revision Date: 12-08-2021

Replaces: 07-12-2021

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: 12-08-2021

Revision Number: 50

Reason for revision: Reviewed
Approved: M. Longo

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.