

Safety Data Sheet



Stock Number: 3070035
Revision Date: 08-23-2023
Replaces: 05-14-2021

TECTYL® 2472VC BLACK

1. Identification

Product identifier used on the label: TECTYL® 2472VC BLACK
Stock Number: 3070035

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

Recommended use of the chemical and restrictions on use:
Recommended use: Corrosion Preventative Compound (water-base)
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: Hazardous to the aquatic environment - Acute Category 3

Hazard Statements: Harmful to aquatic life

Unclassified Hazards (HNOC): "DO NOT FREEZE"

Precautionary Statements:
Prevention: Avoid release to the environment.
Disposal: Dispose of contents/container to a suitable disposal site in accordance with local/national/international regulations.

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 #	%
Zinc oxide	None	1314-13-2	1 - 5
Ethylene glycol mono-n-butyl ether	None	111-76-2	1 - 5
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:

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.

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.

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Hazardous combustion products: Oxides of carbon, Toxic fumes, Toxic gases, Hydrocarbons, Oxides of nitrogen, Ammonia, Hydrogen chloride

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: Avoid contacting and avoid breathing the material. Use only in a well-ventilated area.

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. Store in tightly sealed original container.

Materials to Avoid/Chemical Incompatibility: Strong oxidizing agents, Caustics (bases), Chlorinated compounds, Metals

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
Zinc oxide	5 mg/m ³ (Dust; Respirable)	10 mg/m ³ (Dust; Respirable)	10 mg/m ³ (Fumes)	No data available
Ethylene glycol mono-n-butyl ether	50 ppm	20 ppm		No data available
Crystalline Silica (Quartz)	0.05 mg/m ³ (respirable dust)	0.025 mg/m ³ (respirable dust)		No data available

This product contains mineral oils having recommended exposure limits of 5 mg/m³ in mist form. Because the viscosity of this product is ≤ 20.5 cSt, mists can be formed in certain applications. If mists do form, use appropriate controls to maintain exposure below the stated limits.

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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. 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: Nitrile

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: No data available

9. Physical and chemical properties

Appearance (physical state, color etc.):

Physical state: Liquid

Color: Black

Odor: Indistinct

Slight

Odor Threshold: No data available

pH: 5.0

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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: 17.5 mmHg @ 20°C

Vapor density: No data available

Relative density: 1.331

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: 16 sec, Zahn

Volatiles, % by weight: 47.2

VOC, Material, lb/gal 0.22

VOC, Material, grams/liter 26.39

VOC minus exempt solvents & water, g/L 67

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. Contamination.

Incompatible materials: Strong oxidizing agents, Caustics (bases), Chlorinated compounds, Metals

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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.

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

Carcinogenicity: 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.

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.

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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 Guinea pig 1414 mg/kg	Dermal LD50 Rat 2000 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
Quartz	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
Zinc oxide	1314-13-2	EC50(48 HR) WATER FLEA 1 mg/L	No data available	LC50(96 HR) ZEBRA FISH 2.525 mg/L
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

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.

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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)	No
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)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippines Inventory of Chemicals and Chemical Substances (PICCS)	No
Taiwan	Taiwan Inventory	No

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United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes
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*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
1,1-Dichloroethylene	75-35-4	Prop. 65 - Cancer	<0.1
Ethylene oxide	75-21-8	Prop. 65 - Cancer	TRACE
Methyl isobutyl ketone	108-10-1	Prop. 65 - Cancer	TRACE
Ethylene glycol	107-21-1	Prop. 65 - Developmental and/or Reproductive	<0.1
Ethylene oxide	75-21-8	Prop. 65 - Developmental and/or Reproductive	TRACE
Methyl isobutyl ketone	108-10-1	Prop. 65 - Developmental and/or Reproductive	TRACE
Ammonium Hydroxide	1336-21-6	CERCLA	0.1 - 1 RQ = 1000 lbs.
Sodium nitrite	7632-00-0	CERCLA	<0.1 RQ = 100 lbs
Ethylene glycol	107-21-1	CERCLA	<0.1 RQ = 5000 lbs.

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Sodium hydroxide	1310-73-2	CERCLA	<0.1 RQ = 1000 lbs.
1,1-Dichloroethylene	75-35-4	CERCLA	<0.1 RQ = 100 lbs
Ethylene Oxide	75-21-8	CERCLA	TRACE RQ = 10 lbs.
Zinc Compounds (N982)	1314-13-2	SARA 313	1 - 5
Glycol ethers (N230)	111-76-2	SARA 313	1 - 5
Ammonium Hydroxide	1336-21-6	SARA 313	0.1 - 1
Sodium nitrite	7632-00-0	SARA 313	<0.1
Ethylene glycol	107-21-1	SARA 313	<0.1
Ethylene Oxide	75-21-8	SARA 313	TRACE
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: 08-23-2023

Revision Number: 21

Reason for revision: Reviewed
Approved: K. Slegel

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.