
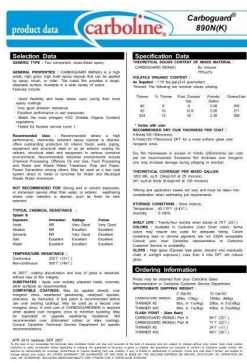


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Carboline 890 data sheet



Material Safety Data Sheet

Section 1 - Chemical Product / Company Information

Product Name: CARBOGUARD 890 PART A **Revision Date:** 09/16/2011
Identification Number: PLMSDS 0986A1NL **Supersedes:** 05/25/2011
Product: Cycloaliphatic Amine Epoxy - FOR INDUSTRIAL USE ONLY
Manufacturer: Carboline Company
 2150 Schwartz Road
 St. Louis, MO 63146
 (800) 848-6645
Preparer: Regulatory Department

Section 2 - Composition / Information On Ingredients

Chemical Name	CAS Number	Weight % Less Than	ACGIH TLV-TWA	ACGIH TLV-STEL	OSHA PEL-TWA	OSHA PEL-CEILING
ACRYLONITRILE	100428-62-9	0.0	10 MG/M3	NE	10 MG/M3	NE
TITANIUM DIOXIDE	13463-47-7	0.0	10 MG/M3	NE	10 MG/M3	NE
ISOPHTHALIC ANHYDRIDE	85-03-6	0.0	10 MG/M3	NE	10 MG/M3	NE
MICROCRYSTALLINE SILICA	14808-60-7	25.0	10 MG/M3	NE	10 MG/M3	NE
1,4-DIOXANE	107-11-9	0.0	NE	NE	NE	NE
BENZENESULFONIC ACID	8815-43-5	0.0	NE	NE	NE	NE
BRANCHED AND LINEAR ALKYL ESTERS	188-88-3	0.0	100 PPM	100 PPM	100 PPM	NE
METHYL METHACRYLATE	96-14-0	0.0	10 MG/M3	NE	10 MG/M3	NE
TOLUENE	108-88-3	0.0	10 MG/M3	NE	10 MG/M3	NE
SILICA AMORPHOUS	8762-82-7	0.0	10 MG/M3	NE	10 MG/M3	NE
POLYETHYLENE TEREPHTHALATE	108-22-3	0.0	100 PPM	100 PPM	100 PPM	NE
ETHYL BENZENE	100-97-0	0.0	100 PPM	100 PPM	100 PPM	NE
AROMATIC POLYAMIDES	8742-95-4	0.0	NE	NE	NE	NE
METHYL ETHYL KETONE	78-22-3	0.0	100 PPM	100 PPM	100 PPM	NE
ORTHO-XYLENE	95-47-6	0.0	100 PPM	100 PPM	100 PPM	NE

Section 3 - Hazards Identification

Emergency Overview: Warning! Flammable. Harmful if inhaled. Causes eye and skin irritation. Aspiration may cause lung damage. May cause dizziness and drowsiness. Keep away from heat, sparks, flame. Avoid breathing vapor. Avoid contact with eyes, skin and clothing. Do not swallow. Keep container closed. Use with adequate ventilation. Wash thoroughly after handling. Warning! May cause allergic skin reactions. Contains SILICA which can cause cancer. Risk of Cancer depends on duration and level of exposure.

Effects Of Overexposure - Eye Contact: May cause eye irritation.

Material Safety Data Sheet

Section 1 - Identification

Product Name: CARBOCOAT 115 VOC **Revision Date:** 11/13/2013
Identification Number: 206FS1NL **Supersedes Date:** 8/25/2010
Product Use/Class: Shop & Field Primer - FOR INDUSTRIAL USE ONLY
Manufacturer: Carboline Company
 2150 Schwartz Road
 St. Louis, MO 63146
 800-848-6645
Preparer: Regulatory Department

Section 2 - Hazard Identification

EMERGENCY OVERVIEW: This product may contain Titanium Dioxide, which is listed by IARC as possibly carcinogenic to humans (Group 2B). This listing is based on inadequate evidence of carcinogenicity in humans and sufficient evidence in experimental animals. This classification is relevant when exposed to titanium dioxide in dust or powder form only, including cured product that is subject to sanding, grinding, cutting, or other surface preparation activities. Irritating to eyes and skin. Keep away from heat and sources of ignition. **WARNING! - FLAMMABLE LIQUID AND VAPOR.** Harmful if inhaled. Use with adequate ventilation. Vapours may cause drowsiness and dizziness. Keep container closed. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Harmful if swallowed. Risk of serious damage to the lungs (by aspiration).

EFFECTS OF OVEREXPOSURE - EYE CONTACT: May cause eye irritation.
EFFECTS OF OVEREXPOSURE - SKIN CONTACT: May cause skin irritation.
EFFECTS OF OVEREXPOSURE - INHALATION: Harmful if inhaled. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting. Vapours may be irritating to eyes, nose, throat, and lungs.
EFFECTS OF OVEREXPOSURE - INGESTION: Harmful if swallowed.
EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: Repeated and prolonged exposure to solvents may cause brain and nervous system damage.
MEDICAL CONDITIONS PRONE TO AGGRAVATION: No information available.
PRIMARY ROUTE(S) OF ENTRY: Eye Contact, Ingestion, Inhalation, Skin Absorption, Skin Contact

Section 3 - Composition/Information On Ingredients

Chemical Name	CAS No.	Weight % Less Than	ACGIH TLV-TWA	ACGIH TLV-STEL	OSHA PEL-TWA	OSHA PEL-CEILING
HIGH FLASH NITRHYLA	64742-88-8	25.0	100 PPM	NE	100 PPM	NE
TITANIUM DIOXIDE	13463-47-7	20.0	10 MG/M3	NE	10 MG/M3	NE
BECKON IRON OXIDE	1337-07-8	0.0	NE	NE	10 mg/m3 (skin)	NE
LEUCOFORMER	1337-07-8	0.0	NE	NE	10 MG/M3	NE
ETHYL BENZENE	100-97-0	1.0	20 PPM	NE	100 PPM	NE
CARBON BLACK	1333-86-4	1.0	10 MG/M3	NE	10 MG/M3	NE



Carboline 890 product data sheet.

It impacts the way job trainers show workers how to perform tasks, and it ensures managers understand the severity of a situation in the event of a spill or a worker coming into contact with the dangerous material when not wearing the proper protective gear. The Role of MSDSs in Transportation Couriers and over-the-road drivers need to have access to MSDSs in case the chemicals spill in transit and need to be cleaned up or the vehicle is involved in an accident. Please Note: The colour shades available are an approximation only. Paste the URL between the quotation marks by pressing Ctrl+V (Windows/Chrome OS) or Cmd+V (macOS), type in the range, and then hit Enter. Next, copy the complete URL of the spreadsheet to the clipboard. Hazardous materials must have accompanying MSDS sheets for workers, management, transporters and safety personnel to use to stay safe. Protecting Workers' Health One important purpose of an MSDS is to protect the health of workers who have to use chemicals and potentially hazardous items on the job. If your sheets are named, you will want to put its name in place of and the cell you want to reference after the exclamation mark. For this guide, we want the range A22:E27. The formula is slightly modified from the previous one but works almost identically. Carboline Carboguard 890 is a highly chemical resistant epoxy mastic coating with exceptionally versatile uses in all industrial markets. An MSDS offers information about first aid tasks such as rinsing eyes with water or keeping water away from the affected area, depending on the material involved. Fire up your browser, head to Google Sheets, and open up a spreadsheet. Click and highlight the cell where you want to import the data. Now, head back to the Google Sheets home page and open the spreadsheet where you want to import the data. For example, if you're importing from Sheet2, you would type "Sheet2!A22:E27" instead. Whether you want to pull the data from another sheet in the file or an entirely different spreadsheet, here's how. Due to the nature of this Carboline product, it is not possible to show an exact shade match, as each batch is made different. You're Reading a Free Preview Page 2 is not shown in this preview. Previously Painted Surfaces Material safety data sheets (MSDS) list potential hazards associated with chemicals and other products, and they tell users and safety personnel how to work safely around those items. Serves as stand-alone system for a variety of chemical environments and is also designed for various immersion conditions. Click the address bar, and then use the keyboard shortcut Ctrl+C (Windows/Chrome OS) or Cmd+C (macOS). Hit Enter and you should see the error "#REF!". The MSDS tells workers what risks are associated with the chemicals and outlines how workers can protect themselves with personal protective equipment, or PPE. RELATED: How to Import an Excel Document into Google Sheets Fire up the document you want to import data from and write down the range of cells to reference. Although cell formatting—such as colors—doesn't follow data over when importing from other sheets, these are the best ways to reference external cells in Google Sheets. An optional micaaceous iron oxide additive (MIO Filler) can be purchased separately and may be used per the Product Data Sheet to enhance corrosion protection and film strength for more aggressive service such as severe marine or heavy industrial uses. The sheets also tell workers what to do in the event of a spill or accidental exposure to hazardous materials. Managers use MSDSs to determine what types of PPE workers must have available when working with a specific hazardous chemical or product. While drivers aren't typically responsible for handling the hazardous materials the same way workers in a facility such as a factory are, they may still come into contact with the chemicals. First Responders and MSDSs If someone is injured by hazardous materials on the job, the first responder who administers first aid needs to understand what he or she is dealing with in order to offer proper care. This can affect the purchasing department, because supplies must be ordered and on hand before workers use the item. Companies maintain MSDSs that the workers must be permitted to read, according to the Occupational Safety and Health Administration, or OSHA. It should look like this: =IMPORTRANGE("A22:E27") Note: If you have more than one sheet in the other document, you must specify which one you want to reference. Import Data from Another Document In addition to importing data from a sheet within a spreadsheet, you can reference cell(s) from a completely different document. The information provided on an MSDS lets environmental control agencies know how severe the risk is from the spill, and the sheets can help those organizations determine what to do to clean up the spilled chemical safely. Should you need to import data from another spreadsheet in Google Sheets, you can do it a couple of ways. Self-priming and suitable for application over most existing coatings, and tightly adherent rust. This is normal. Google Sheets just needs you to allow it access to the other sheet. Click on an empty cell and type =IMPORTRANGE(" ", " ") , where is the link you copied and denotes the cells you want to import that you wrote down. This website uses cookies and other tracking technologies (also known as pixels or beacons) to aid your experience (such as viewing videos), as well as "performance cookies" to analyze your use of this website and to assist with marketing efforts. If you click the "Accept All Cookies" button or continue navigating the website, you agree to having those first and third-party cookies set on your device. If you do not wish to accept cookies from this website, you can choose to not allow cookies from this website by updating your browser preferences. For more information on how we use Cookies, please read our Privacy Policy. And to add another one, just hit the plus sign (+) to create a new one. Checking the MSDS after exposure to chemicals helps first responders make sure the proper first aid measures are applied. Environmental Cleanup Agencies MSDSs are also used after a chemical spill for the purpose of cleaning the exposed area and reducing the environmental impact. Select the cell with the error and then click "Allow Access." It should take a couple of seconds to load, but when it's finished, the data range will import everything directly into your spreadsheet. RELATED: The Beginner's Guide to Google Sheets Next, you need to type in a formula that references the cell from the other sheet. You can see whether your document has more than one sheet by looking at the bottom of the page. Import Data from Another Sheet This first method requires you to have more than one sheet inside of a document. MORE FROM QUESTIONSANSWERED.NET It should look something like this: =B7 Hit the "Enter" key and the data from the other sheet will show up in that cell.

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