

*1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION *

Manufacturer's Name
 ACHESON COLLOIDS COMPANY
 1600 Washington Ave.
 Port Huron, MI 48060

Emergency Telephone No: CHEMTREC
 DOMESTIC: 1-800-424-9300

INTERNATIONAL: 01-703-527-3887
 (CALL COLLECT)

Chemical Family
 GRAPHITE IN WATER

*2. COMPOSITION/INFORMATION ON INGREDIENTS *

---CAS Number---	---Ingredients---	%WT/WT	Carcinogenicity		
			NTP	IARC	OSHA
1333-86-4	Carbon Black	1-5	N	Y	Y
7782-42-5	Graphite	10-30	N	N	N
111-76-2	2-Butoxyethanol	1-5	N	N	N
7732-18-5	Water	40-70	N	N	N
27101-83-3	Acrylic Acid, Isobutyl Acrylate Styrene Polymer	5-10	N	N	N

----- Occupational Exposure Limits -----

CAS Number	ACGIH TLV	OSHA PEL
1333-86-4	3.50mg/m3	3.50mg/m3
7782-42-5	2.00mg/m3	5.00mg/m3
111-76-2	25.00 PPM	25.00PPM
7732-18-5	None Estab.	None Estab.
27101-83-3	None Estab.	None Estab.

*3. HAZARDS IDENTIFICATION *

EMERGENCY OVERVIEW

Potential Health Effects --

INGESTION :

Harmful or fatal if swallowed.

EYE CONTACT :

Causes moderate eye irritation.

SKIN CONTACT :

May cause slight skin irritation.

OTHER SKIN CONTACT :

May be harmful if absorbed through the skin.

INHALATION :

Dusts generated from sanding and grinding on surfaces coated with this product may be harmful if inhaled.

Vapors and mists irritate eyes, nose and throat.

Vapors and mists generated from this product are harmful if inhaled.

CHRONIC:

This product contains carbon black which is classified by IARC as a 2B Carcinogen, Possibly Carcinogenic to Humans, based on "sufficient evidence in animals" and "inadequate evidence in humans."

This product contains graphite which can accumulate in lung tissue after long-term exposure to the dust. The potential for such exposure from the use of this product is very limited.

This product contains 2-butoxyethanol which has been shown to cause adverse effects on the kidneys, liver, blood and blood-forming tissues.

*4. FIRST AID MEASURES *

Ingestion :

If swallowed, do not induce vomiting.

Skin Contact:

If excessive skin contact with this product occurs, flush immediately with plenty of water, followed by washing with soap and water.

Eye Contact:

If this product is splashed into the eyes, flush eyes immediately with plenty of water for at least 15 minutes.

Inhalation :

If excessive amounts of vapors or mists from this product are inhaled, remove to fresh air. Apply artificial respiration and other supportive measures as required. Consult a poison center, emergency room or lung specialist for additional information and guidance.

*5. FIRE FIGHTING MEASURES *

Flashpoint and Method : N/A Closed Cup

Flammable Limits: Not Available

General Hazard :

Material can splatter above 100c/212f. Dried product can burn. Container may explode in heat of fire.

Fire :

Move container from fire area if you can do it without risk. Apply cooling water to sides of containers that are exposed to flames until well after fire is out. Stay away from ends of tanks.

Small Fire Fighting Instructions :

Use extinguishing media appropriate for surrounding fire.

Large Fire Fighting Instructions :
Use extinguishing media appropriate for surrounding fire.

General Fire Fighting Instructions:
Move container from fire area if you can do it without risk. Apply cooling water to sides of containers that are exposed to flames until well after fire is out. Stay away from ends of tanks.

Fire Fighting Equipment:
As in any fire, wear self-contained breathing apparatus (SCBA) and full protective gear.

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS :
Oxides of Carbon

*6. ACCIDENTAL RELEASE MEASURES *

Spills :

Small Spills :
Take up with sand, earth or other noncombustible absorbent material.

Large Spills :
Dike far ahead of liquid spill for later disposal.

*7. HANDLING AND STORAGE *

STORAGE TEMPERATURE: Ambient.Keep from freezing.Preferred temperature 40 to 90 degrees F. Protect material from direct sunlight.

STORAGE PRESSURE: Atmospheric.

Keep container closed.Loosen closure cautiously before opening.Store in a cool well ventilated place away from incompatible materials.[See Stability and Reactivity,Section].Empty containers may retain hazardous properties.Follow all MSDS/Label warnings even after container is emptied.
Keep from freezing.

*8. EXPOSURE CONTROLS/PERSONAL PROTECTION *

ENGINEERING CONTROLS :

Provide sufficient mechanical ventilation to maintain exposure below TLV(s). Overexposures to vapors and mists may be prevented by ensuring ventilation controls, local exhaust and/or fresh air entry. NIOSH/MSHA Schedule TC-23C- air purifying or a Schedule TC-19C- air supplied respirator may also be used to reduce exposures. Read the manufacturer's instructions and literature carefully to determine the type(s) of airborne contaminant(s) against which the

respirator is effective and how it is to be properly fitted.

Eye Protection :

Vapor tight chemical-type splash goggles should be worn when the possibility exists for eye contact due to splashing or spraying of liquid or the generation of airborne particles or vapors.

Skin Protection :

Wear protective clothing, including an impermeable apron or disposable suit and gloves. This protective equipment should be constructed of material(s) which are appropriate to prevent contact with the chemicals listed in the ingredient section of the MSDS.

*9. PHYSICAL AND CHEMICAL PROPERTIES *

Vapor Pressure	: 18.10mm Hg at 20c	Vapor Density	: NOT AVAILABLE
Specific Gravity	: 1.16	Evaporation Rate:	
Solubility in Water	: 100%	Freezing Point	: 32 F
pH	: 8.5	Freezable	: Yes
Boiling Point	: 212 F	VOC	: 110 g/l
Viscosity (CPS)	: 400-2000	Reduced VOC	: N/A
Appearance	: BLACK		
Product Use			: NOT DETERMINED
Odor			: NOT DETERMINED
Odor Threshold			: NOT DETERMINED
Coefficient of water/oil Distributon			: NOT DETERMINED
Auto-ignition Temperature			: NOT DETERMINED
Explosion Data-Sensitivity to Mechanical Impact			: NOT DETERMINED
Explosion Data-Sensitivity to Static Discharge			: NOT DETERMINED
Physical State			: NOT DETERMINED

*10. STABILITY AND REACTIVITY *

GENERAL :

This product is stable and hazardous polymerization will not occur.

INCOMPATIBLE MATERIAL AND CONDITIONS TO AVOID :

Strong oxidizers.

*11. TOXICOLOGICAL INFORMATION *

LD50 IS FOR ORAL RAT	: NOT DETERMINED
LC50 SPECIES AND ROUTE	: NOT DETERMINED
REPRODUCTIVE TOXICITY	: NOT DETERMINED
TERATOGENICITY	: NOT DETERMINED
EMBRYOTOXICITY	: NOT DETERMINED
MUTAGENICITY	: NOT DETERMINED
NAME OF SYNERGISTIC PRODUCTS/EFFECTS	: NOT DETERMINED

*12. ECOLOGICAL INFORMATION *

NOT AVAILABLE

*13. DISPOSAL CONSIDERATIONS *

Care must be taken to prevent environmental contamination from the use of this material. The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.

*14. TRANSPORTATION INFORMATION *

DOT (Dept. of Transportation):
Not Regulated

Air Shipment (IATA):
Not Regulated

Ocean Shipment (IMDG):
Not Regulated

*15. REGULATORY INFORMATION *

SARA TITLE 3: Section 313 Information (40 CFR 372)
This product contains a chemical which is listed in Section 313 at or above DE MINIMIS concentration. The following listed chemicals are present:

CAS NUMBER	DESCRIPTION	%
111-76-2	2-Butoxyethanol	1.88

California Proposition 65:

WARNING: This product contains the following chemicals that are known to the State of California to cause cancer, birth defects or other reproductive harm.

COMPONENT DESCRIPTION	CAS NUMBER
Carbon Black	1333-86-4
Formaldehyde	50-00-0

DSL- All components of this product are listed or are excluded from listing on the Canadian Domestic Substances List (DSL) Inventory.

TSCA- All components of this product are listed or are excluded from listing on the U.S. Toxic Substances Control ACT (TSCA) Chemical Substance Inventory.

*16. OTHER INFORMATION *

If this material is part of a multiple component system, read the MSDS(s) for the other component(s) before blending as the resulting mixture may have the hazards of all of its parts.

These data are offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

Prepared By: Safety, Health and Environmental Dept
PHONE: 1-810-984-5581

For more information on products manufactured at our California site call:

1-909-947-2228