

ACHESON COLLOIDS COMPANY

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MATERIAL SAFETY DATA SHEET

VERSION NO.: 006

PRODUCT CODE : 5727220 EFFECTIVE DATE:

6/1

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

<u>Manufacturer's Name</u> ACHESON COLLOIDS COMPANY	<u>Emergency Telephone No</u> CHEM-TEL
<u>Address</u> PO Box 611747 Port Huron, MI 48061-1747	DOMESTIC : 1-800-255-39
<u>Chemical Family</u> GRAPHITE IN IPA	INTERNATIONAL: 01-813-248-058 (CALL COLLECT)
<u>Chemical Name and Synonyms</u> Mixture	<u>Trade Name and Synonym</u> ACHESON LS2578

2. COMPOSITION/INFORMATION ON INGREDIENTS

CAS Number	Ingredients	%	Carcinogen	
			NTP	IARC
7782-42-5	Graphite	< 5	N	N
67-63-0	Isopropanol	> 50	N	N
ACCESS # 223	Proprietary Thickener	< 5	N	N
763-69-9	Ethyl 3-Ethoxypropionate	< 5	N	N

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

CAS Number	ACGIH TLV	OSHA PEL
7782-42-5	2.00 mg/m3	5.00 mg/m3
67-63-0	400.00 PPM	400.00 PPM
ACCESS # 223	10.00 mg/M3	15.00 mg/M3
763-69-9	None Estab.	None Estab.

3. PHYSICAL AND CHEMICAL PROPERTIES

VAPOR PRESSURE	: 32.46 mm Hg at 20c	VAPOR DENSITY	: 2.07 (AIR = 1)
SPECIFIC GRAVITY	: .80	EVAPORATION RATE:	: 2.88/BUTYL ACET
SOLUBILITY IN WATER	: MISCIBLE	FREEZING POINT	: Not available
pH	: Not available	FREEZABLE	: No
BOILING POINT	: 181 F	VOC	: 777 g/l
VISCOSITY	: 10 CPS	REDUCED VOC	: N/A
APPEARANCE :			
BLACK LIQUID			

4. HANDLING AND STORAGE

STORAGE TEMPERATURE: Ambient

Keep container closed. Loosen closure cautiously before opening. Store in a cool and well ventilated place away from incompatible materials. (See Stability and Reactivity Section 5).

Keep away from heat, sparks and flame. Protect material from direct sunlight. Ground and bond containers when transferring materials.

Empty containers may retain hazardous properties.

Follow all MSDS/Label warnings even after container is emptied.

5. STABILITY AND REACTIVITY

GENERAL :

This product is stable and hazardous polymerization will not occur.

INCOMPATIBLE MATERIAL AND CONDITIONS TO AVOID :

Strong oxidizers.

6. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Repeated exposures to high vapor concentrations may cause irritation of the respiratory system and nervous system damage. Intentional misuse by deliberate:

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Concentrating and inhaling the contents can be harmful or fatal.

POTENTIAL HEALTH EFFECTS :

INGESTION :

May be harmful if swallowed.

EYE CONTACT :

Causes severe eye irritation.

SKIN CONTACT :

May cause moderate skin irritation.

OTHER SKIN CONTACT :

The components of this product are not expected to be absorbed through the skin.

INHALATION :

Vapors and mists generated from this product may be harmful if inhaled.

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.

CHRONIC :

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.

7. 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 or work uniforms and gloves constructed of material(s) which are appropriate to prevent contact with the chemicals listed in the ingredient section of the MSDS.

*8. 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 :

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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.

9. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD : 53 F Tag Closed Cup
FLAMMABLE LIMITS : 2.0 - 12.7

GENERAL HAZARD :
Flammable/combustible material; may be ignited by heat, sparks or flames. Vapors may travel to a source of ignition and flash back. Container may explode on heat of fire. Vapor explosion hazard indoors, outdoors or in sewers. Runoff to sewer may create fire or explosion hazard.

FIRE :

SMALL FIRE FIGHTING INSTRUCTIONS :
Dry chemical, CO2, water spray or alcohol-resistant foam. Do not use dry chemical extinguishers to control fires involving nitromethane or nitroethane.

LARGE FIRE FIGHTING INSTRUCTIONS :
Water spray, fog or alcohol-resistant foam.

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. For massive fire in cargo area, use unmanned hose holder or monitor nozzles; if this is impossible, withdraw from area and let fire burn. Withdraw immediately in case of rising sound from venting safety device or any discoloration of tank due to fire.

FIRE FIGHTING EQUIPMENT :
Positive pressure self-contained breathing apparatus (SCBA) and structural firefighter's protective clothing will provide limited protection.

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS :
Oxides of Carbon

10. ACCIDENTAL RELEASE MEASURES

SPILLS :
Shut off ignition sources; no flares, smoking or flames in hazard area. Stop leak if you can do it without risk. Water spray may reduce vapor; but it may not prevent ignition in closed spaces. Isolate area until gas has dispersed.

SMALL SPILLS :
Take up with sand or other noncombustible absorbent material and place into containers for later disposal.

LARGE SPILLS :
Dike far ahead of liquid spill for later disposal.

11. TOXICOLOGICAL INFORMATION

CAS INGREDIENTS:
Not available.

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 (LD50 IS FOR ORAL RAT)

12. ECOLOGICAL INFORMATION

Not available.

13. DISPOSAL CONSIDERATIONS

are 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 (Department of Transportation) :
 PROPER SHIPPING NAME : PAINT

HAZARD CLASS : 3

PG: II

IDENTIFICATION NUMBER: UN-1263

REFER TO THE ACHESON COLLOIDS EMERGENCY RESPONSE INFORMATION SHEET FOR MORE DETAILED TRANSPORTATION HANDLING INFORMATION.

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 concentrations. The following listed chemicals are present:

CAS NUMBER	DESCRIPTION	%
67-63-0	Isopropanol	> 50

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.