

Ideal Aviation, Inc.

564 East Juanita Ave

Mesa, AZ 85204

MSDS Sheet

Champion Aerospace

Part Number 2612, Thread Lubricant

Acheson Colloids Company

Date 8/01/2004

Material Safety Data Sheet

VERSION NO: 05

PRODUCT CODE: 5300060 EFFECTIVE DATE: 7/31/2000

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Manufacturer's Name

ACHESON COLLOIDS COMPANY

Emergency Telephone No.

CHEM-TEL

Address

PO Box 611747 Port Huron, MI 48061-1747

DOMESTIC

:1-800-255-3924

INTERNATIONAL: 01-813-979-0626

Chemical Family

GRAPHITE IN WATER

(CALL COLLECT)

Chemical Name and Synonyms

Mixture

Trade Name and Synonyms

DAG 137

2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>CAS Number</u>	<u>Ingredients</u>	<u>%</u>	<u>Carcinogenicity</u>		
			<u>NTP</u>	<u>IARC</u>	<u>OSHA</u>
ACCESS# 221	Proprietary Thickener	< 5	N	N	N 8005-
03-6	Azin-Azo Pigment	< 5	N	N	7732-18-
5	Water	> 50	N	N	7782-42-
5	Graphite	< 20	N	N	N -----Occupational

Exposure Limits-----

<u>CAS Number</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>
ACCESS #221	None Estab.	None Estab.
8005-03-6	None Estab.	None Estab.
7732-18-5	None Estab.	None Estab.
7782-42-5	2.00 mg/m3	2.50 mg/m3

3. PHYSICAL AND CHEMICAL PROPERTIES

VAPOR PRESSURE : 17.00 mm Hg at 20c VAPOR DENSITY: SAME AS WATER

SPECIFIC GRAVITY : 1.16 EVAPORATION RATE: SAME AS WATER

SOLUBILITY IN WATER: MISCIBLE
pH : 7.0 to 9.0
BOILING POINT : 212 F
VISCOSITY : 3000-5000 CPS
BLACK THIXOTROPIC PASTE

FREEZING POINT: Not available
FREEZABLE : Yes
VOC : 0 g/l
REDUCED VOC : N/A APPEARANCE:

4. HANDLING AND STORAGE

STORAGE TEMPERATURE: Ambient STORAGE PRESSURE: Atmospheric
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).
Empty containers may retain hazardous properties. Follow all MSDS/Label warnings even after container is emptied.
Keep from freezing.

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

POTENTIAL HEALTH EFFECTS:

INGESTION: May be harmful if swallowed

EYE CONTACT: May cause slight eye irritation.

SKIN CONTACT: May cause slight skin irritation

OTHER SKIN CONTACT: The components of this product are not expected to be absorbed through the skin.

INHALATION: Dusts 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.

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). Where ventilation is inadequate to remove vapors, mists and dusts generated from the use of this product, the use of a suitable NIOSH/MSHA-approved respirator should be considered.

EYE PROTECTION:

Wear safety glasses with side shields when handling this product.

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:

If excessive amounts of dust 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: 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 container 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 container 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 DECOPOSTION PRODUCTS:

Oxides of Carbon

10. 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

11. TOXICOLOGICAL INFORMATION

CAS INGREDIENTS

Not available.

(LD50 IS FOR ORAL RAT)

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 (Department of Transportation):

Not regulated**

****THE ABOVE INFORMATION APPLIES TO THIS MODE OF TRANSPORTATION ONLY. THE DESCRIPTION MAY CHANGE OR THE ITEM MAY BECOME REGULATED IN OTHER MODES.**

15. REGULATORY INFORMATION

SARA TITLE 3: Section 313 Information (40 CFR 372)

This product does not contain a chemical, which is listed in Section 313 above DE MINIMIS concentrations.

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.