

MATERIAL HEALTH & SAFETY DATA SHEET

NUMBER 8 ISSUE 2 DATE 08.12.2012

1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

TRADE NAME	DMS 693, DMS 800
COMPANY ADDRESS	MEGGITT AIRCRAFT BRAKING SYSTEMS HOLBROOK LANE COVENTRY CV6 4AA
TELEPHONE NUMBER	024 7666 6655
FAX NUMBER	024 7666 2294

2. COMPOSITION/INFORMATION ON INGREDIENTS

Carbonised polyacrylonitrile fibre, in a pre-formed state or as a straight cloth. The composition is nominally 85.0% carbon.

3. HAZARDS IDENTIFICATION

Under normal conditions of use, it is expected that only hazards associated with dust formation are likely.

Airborne dust may cause irritation to eyes, nose and upper respiratory tract. Danger of serious damage to health by prolonged exposure to inhaled dust.

4. FIRST AID MEASURES

MOVE THE EXPOSED PERSON TO AN AREA WHERE FURTHER EXPOSURE WILL NOT OCCUR. IN CASES WHERE THE EXPOSURE ROUTE IS INHALATION MOVE THE PERSON TO FRESH AIR AT ONCE.

SKIN CONTACT	Flush contaminated skin with water. Obtain medical attention if irritation persists
EYE CONTACT	Immediately wash eyes with large amounts of water. Obtain medical attention if soreness or redness persists.
INHALATION	If breathing difficulties continue, seek medical assistance as soon as possible.
INGESTION	If a small quantity has been ingested wash out or rinse the mouth with water or a mouth wash. If the quantity ingested is large seek medical advice immediately. If the symptoms persist obtain medical advice.
IN ALL CASES WHERE SYMPTOMS ARE SEVERE, SEEK MEDICAL ATTENTION IMMEDIATELY	

MATERIAL HEALTH & SAFETY DATA SHEET

NUMBER 8 ISSUE 2 DATE 08.12.2012

5 FIRE FIGHTING MEASURES

The product itself is not strictly incombustible since it will smoulder at high temperature. Any dust that is formed is likely to be combustible. There is currently no information regarding ignition temperature for the product dust. Care should be taken since dusts have the capacity for self-ignition and explosion. Dust may glow in oxygen containing atmosphere above 350°C. During glowing or in the case of fire carbon monoxide (CO)/carbon dioxide (CO₂) is generated.

In the case of insufficient ventilation use respiratory equipment to protect against CO/CO₂.

Suitable Extinguishing Media: foam, sand, CO₂, dry powder, water mist, direct water spray.

6. ACCIDENTAL RELEASE MEASURES

At all times product dust should be removed by vacuum cleaner. Collected material should be transferred to a covered salvage container for appropriate disposal. Compressed air lines should not be used to remove any dust which has been formed. Appropriate protective equipment, as given in Section 8 should be used by persons engaged in clean up operations.

7. HANDLING & STORAGE

HANDLING	It is unlikely that handling the product will present a hazard. The usual precautions for handling chemicals should be observed where product dust is concerned. Employ well ventilated areas.
STORAGE	No special arrangements are necessary, other than to keep containers in a cool dry place avoiding extremes of temperature.

8. EXPOSURE CONTROL & PERSONAL PROTECTION

Occupational Exposure Standards (OES) LTEL (8-hr TWA)	
*Dust	10mg/m ³ (total inhalable) *As defined by the Control of Substances 4mg/m ³ (respirable) Hazardous to Health Regulations 1993 and subsequent amendments.
Exposure Control: Engineering controls should be provided, whenever practicable to remove any product dust and to keep airborne concentrations below the specific occupational exposure limit (OEL). Damping down can also be considered as a practical means of controlling exposure.	
Personal Protection: Particulate cartridge/filter type personal respirators can be used as additional control but must be mandatory in the unlikely event that exposure below the specific OEL's cannot be guaranteed by other means. Suitable safety glasses or goggles and gloves or barrier creams are also recommended where exposure to product dust is likely.	
Hygiene: Smoking, eating or drinking must not be allowed within work areas.	

MATERIAL HEALTH & SAFETY DATA SHEET

NUMBER 8 ISSUE 2 DATE 08.12.2012

9. PHYSICAL & CHEMICAL PROPERTIES

APPEARANCE	Black solid/fabric
SPECIFIC GRAVITY	1.7 – 2.0
MELTING POINT	3000°C nominal
DUST IGNITION TEMPERATURE	Not currently available
SOLUBILITY	N/A

10. STABILITY & REACTIVITY

The product is stable under normal conditions.

11. TOXICOLOGICAL INFORMATION

Carbonised polyacrylonitrile is not classified under the Chemicals (Hazard Information and Packaging) Regulations 1993 or subsequent amendments.
Product dust may irritate the nose and trachea. Prolonged skin contact may cause irritation and in the case of some sensitive persons, dermatitis.

12. ECOLOGICAL INFORMATION

Neither the product itself nor the product dust is expected to be harmful to the environment.

13. DISPOSAL CONSIDERATIONS

Surplus product should be classified in accordance with regulations made under Directive 78/319/E95.
Disposal should be in accordance with local or national legislation.

14. TRANSPORT INFORMATION

There are no special measures which need to be observed with regard to transportation. The product is not classified for conveyance purposes.

15. REGULATORY INFORMATION

The product is not classified as hazardous for supply.

The data given in this data sheet is based on current knowledge and experience.

16. OTHER INFORMATION

THE INFORMATION INCLUDED ON THE DATA SHEET HAS BEEN PROVIDED TO OURSELVES VIA THIRD PARTIES. THE DATA DOES NOT SIGNIFY ANY WARRANTY WITH REGARD TO THE PRODUCT'S PROPERTIES. THE INFORMATION CONTAINED IN THIS SHEET DOES NOT CONSTITUTE A HAZARD ASSESSMENT AND SHOULD NOT BE USED IN PLACE OF THE USERS OWN ASSESSMENT OF WORKPLACE RISKS, AS REQUIRED BY OTHER HEALTH AND SAFETY LEGISLATION.