

MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Carbon Monoxide Catalyst** Revision: 25 August 1999

Product Part Number: **60507-00, 01, 02**
50522-00
10009796

SCOTT AVIATION CHEMTREC Emergency Telephone Number
225 Erie Street
Lancaster, NY 14086 United States: 800-424-9300
Telephone 716-683-5100 International: 703-527-3887 (collect)

SECTION 2 – INFORMATION ON INGREDIENTS

Dry powder. Granular. Black. Free-flowing. Without odor.

<u>Chemical</u>	<u>% by Weight</u>	<u>Exposure Limits</u>
Manganese Dioxide (7439-96-5)	>50%	TWA (manganese compounds) = 0.2 mg/m ³
Copper Oxide (7440-50-8)	>15%	TWA copper fume (as copper) = 0.1 mg/m ³

SECTION 3 – HAZARD IDENTIFICATION

National Toxicology Program (NTP), Annual Report on Carcinogens:
Components Listed in NTP: None

International Agency for Research on Cancer (IARC), Monographs
Components Listed in IARC: None

OSHA Carcinogens (29 CFR 1910.1002 – 1050, 7/11/95):
Components Listed: None

SECTION 4 – FIRST AID MEASURES

Eye Contact: Flush eyes with water for at least 15 minutes. Hold eyelids apart to ensure complete irrigation of all eye and lid tissue. Obtain medical attention and bring this MSDS.

Skin Contact: Wash affected area with soap and water. Obtain medical attention if irritation occurs.

Inhalation: Avoid breathing dust. Remove to fresh air at once. Obtain medical attention if irritation occurs.

Ingestion: Obtain medical attention; bring this MSDS.

SECTION 5 – FIRE FIGHTING MEASURES

Flammable Limits:	Not flammable	Auto-ignition Temperature:	Not applicable
Flash Point:	Not applicable	Flash Point Method:	Not applicable

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Clean up spill immediately. Product may be wetted down with water to minimize dusting from a large spill. Sweep up and return to a clean container. Seal and label container.

SECTION 7 – HANDLING AND STORAGE

Avoid contact with eyes, skin or clothing.	Do not breathe (dust).	Wash thoroughly after handling.
Storage:	Store in a cool, dry area. Do not break seal of original packaging unnecessarily.	
General:	Do not store in wet or moist environments. Moisture will deactivate catalyst.	

SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION

Use appropriate engineering controls and personal protective equipment (PPE). Eye protection, gloves and protective clothing are recommended. Approved air purifying respirator should be used.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Granular black, free-flowing powder (dry).	Vapor Density:	Not applicable
Specific Gravity:	Varies, approximately 1.1-1.2 for 10 x 20 mesh	Vapor Pressure:	Not applicable
Solubility in Water:	Negligible	Odor:	None
PH (10% water solution):	approximately 5.3	Partial Decomposition:	350 – 550 C

SECTION 10 – STABILITY AND REACTIVITY

Conditions To Avoid:	Manganese dioxide is an oxidizing agent; may cause combustible material to ignite more easily.		
Incompatibility:	Keep away from combustibles (materials that burn).		
Hazardous Decomposition Products:	None known.	Stability:	Stable
Hazardous Polymerization:	None known.		

SECTION 11 – TOXICOLOGICAL PROPERTIES

No data available.

SECTION 12 – ECOLOGICAL INFORMATION

No data available.

SECTION 13 – DISPOSAL CONSIDERATIONS

These materials contain chemicals which are listed in 40 CFR 261, RQ – Section 102, EPCRA 313, and 40 CFR 401.

This waste must be disposed of in accordance with Federal, State and Local regulations.

SECTION 14 – TRANSPORTATION INFORMATION

Not regulated by the U.S. Department of Transportation (DOT).

SECTION 15 – REGULATORY INFORMATION

See Section 13.

SECTION 16 – OTHER INFORMATION

The information contained herein is, to the best of our knowledge and belief, accurate. However, Scott Aviation assumes no liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. It is the responsibility of the user to comply with all applicable Federal, State and Local laws and regulations.