

T-066, CS 63-06

MSDS Number

BLQGS

National Stock Number

6850-00F019471

Product Name

T-066, CS 63-06

Manufacturer

UNION CARBIDE CORP

Product Identification

Product ID:T-066, CS 63-06

MSDS Date:10/26/1988

FSC:6850

NIIN:00F019471

MSDS Number: BLQGS

Responsible Party

UNION CARBIDE CORP

1555 MAIN ST

INDIANAPOLIS , IN 46224

Emergency Phone: (317) 240-2650 OR (800) 822-4357

Info Phone: (317) 240-2650 OR (800) 822-4357

Cage: UNICA

Contractor

UNION CARBIDE COATINGS SERVICE CORP

INDIANAPOLIS, IN 48224

US

317-240-2650 OR 800-822-4357

Cage: UNICA

Ingredients

ZIRCONIUM

CAS: 7440-67-7

RTECS: ZH7070000

Fraction By Weight: 85-95%

OSHA PEL5 MG/M3/10 STEL

ACGIH TLV: 5 MG/M3/10 STEL;9192

YTTRIUM

CAS: 7440-65-5

RTECS: ZG2980000

Fraction By Weight: 5-15%

OSHA PEL1 MG/M3

ACGIH TLV: 1 MG/M3; 9192

Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYES: IRRITATION, REDNESS, & TEARING.
INHALATION: NASAL DISCOMFORT, DISCHARGE, DIZZINESS, HEADACHE,
NAUSEA, VOMITING, EMPHYSEMA & PULMONARY NODULAR FIBROSIS. SKIN:
SENSITIZATION, DERMATITIS & PAPULES.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:EYES: IRRITATION, REDNESS, & TEARING.
INHALATION: NASAL DISCOMFORT, DISCHARGE, DIZZINESS, HEADACHE,
NAUSEA, VOMITING, EMPHYSEMA, & PULMONARY NODULAR FIBROSIS. SKIN:
SENSITIZATION, DERMATITIS, & PAPULE S.

First Aid

First Aid:SKIN: WASH W/SOAP & WATER. INHALATION: REMOVE TO FRESH AIR.
GIVE ARTIFICIAL RESPIRATION IF BREATHING STOPS. EYES: FLUSH
W/WATER. NOTE TO PHYSICIAN: THERE IS NO SPECIFIC ANTIDOTE.
TREATMENT OF OVEREXPOSURE SHOULD BE DIRECTED AT THE CONTROL OF
SYMPTOMS & THE CLINICAL CONDITION. OBTAIN MEDICAL ATTENTION IN ALL
CASES.

Fire Fighting

Extinguishing Media:DRY POWDER METAL EXTINGUISHING AGENT FOR METAL FIRE
& APPROPRIATE EXTINGUISHING AGENT FOR SURROUNDING FIRE
Fire Fighting Procedures:CONSULT/COMPLY W/ANSI Z49.1, NFPA51B STANDARD,
NFPA51 OXYGEN-FUEL GAS SYSTEMS FOR CUTTING & WELDING PROCESSES.
Unusual Fire/Explosion Hazard:AIRBORNE, FINELY DIVIDED SOLIDS OR
ACCUMULATION OF METAL DUST, SHOULD BE TREATED AS EXPLOSIVES.

Accidental Release

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT.

Handling

Handling and Storage Precautions:ELECTRICITY CAN CAUSE SHOCK THAN CAN
KILL YOU. DON'T TOUCH LIVE ELECTRICAL PARTS. ACR RAYS CAN BURN
EYES/SKIN. NOISE CAN DAMAGE HEARING.
Other Precautions:PERSONAL AIR SAMPLES CAN BE TAKEN & ANALYZED FOR
HAZARDOUS INGREDIENTS & DECOMPOSITION PRODUCTS TO DETERMINE IF &
WHAT TYPE OF RESPIRATOR IS REQUIRED. CONSULT W/NFPA58 STANDARD FOR
STORAGE/HANDLING OF LIQUIFIED PETROLEUM GASES.

Exposure Controls

Respiratory Protection:USE OSHA APPROVED RESPIRATOR IF REQUIRED
Ventilation:RECOMMENDED. LOCAL: DUST PICKUP.
Protective Gloves:RECOMMENDED
Eye Protection:REQUIRED
Other Protective Equipment:BODY & HEARING PROTECTION
Supplemental Safety and Health
BEFORE USE REFER TO AMERICAN WELDING SOCIETY PUBLICATION AWS C2.1-73,
"RECOMMENDED SAFE PRACTICES FOR THERMAL SPRAYING" AVAILABLE FROM
AMERICAN WELDING SOCIETY, 2501 NW 7TH ST., MIAMI, FLORIDA 33125.

Chemical Properties

Solubility in Water:INSOLUBLE
Appearance and Odor:DUSTY POWDER W/NO APPRECIABLE ODOR

Stability

Stability Indicator/Materials to Avoid:YES
Hazardous Decomposition Products:OXIDES, SUB-OXIDES, & COMPLEX OXIDES
OF INGREDIENTS

Disposal

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE W/LOCAL, STATE, &
FEDERAL REGULATIONS.

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