

CASTROL INDUSTRIAL NORTH AMERICA INC. -- BRACO 650 -- 9150-00-949-0323

===== Product Identification =====

Product ID:BRACO 650

MSDS Date:11/22/1988

FSC:9150

NIIN:00-949-0323

MSDS Number: BFYTY

=== Responsible Party ===

Company Name:CASTROL INDUSTRIAL NORTH AMERICA INC.

Address:1001 WEST 31ST STREET

City:DOWNERS GROVE

State:IL

ZIP:60515-1280

Country:US

Info Phone Num:800-621-2661

Emergency Phone N

um:800-621-2661/800-424-9300(CHEMTREC)

Preparer's Name:KAREL WRIGHT

CAGE:CASTI

=== Contractor Identification ===

Company Name:CASTROL INDUSTRIAL INC

Address:1001 W 31ST

City:DOWNERS GROVE

State:IL

ZIP:60515-1280

Country:US

Phone:708-241-4000

CAGE:CASTI

Company Name:CASTROL INDUSTRIAL NORTH AMERICA INC SPECIALTY PRODUCTS
DIV

Address:1001 WEST 31ST STREET

Box:City:DOWNERS GROVE

State:IL

ZIP:60515-1280

Country:US

Phone:800-621-2661/ FAX: 630-241-4140

CAGE:2R128

===== Composition/Infor

mation on Ingredients =====

Ingred Name:TETRAFLUOROETHYLENE TELOMER
Fraction by Wt: 25.0%

Ingred Name:UNIDENTIFIED COMPONENTS

Ingred Name:ORGANIC BARIUM COMPOUND
Fraction by Wt: 2.5% MAX
OSHA PEL:0.5 MG BA/CUM
ACGIH TLV:0.5 MG BA/CUM

===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:PRODUCT IS IRRITATING TO
EYES,SKIN,RESPIRATORY TRACT. ALSO INHALATION OF DECOMPOSITION
PRODUCTS MAY PRODUCE POLYMER FUME FEVER.
Explanation of Carcinogenicity:MAY CONTAIN A CHEMICAL LISTED AS
CARCINOGEN OR REPRODUCTIVE TOXIN UNDER CALIFORNIA PROPOSITION 65.
Effects of Overexposure:EYE:IRRITATION,BURNING,TEARING. SKIN:PROLONGED
CONTACT PRODUCES DEFATTING,DRYING,DERMATITIS. INHALED:RESPIRATORY
IRRITATION,PULMONARY EDEMA,AND FLU-LIKE SYMPTOMS OF POLYMER FUME
FEVER.
Medical Cond Aggravated by Exposure:NONE REPORTED.

===== First Aid Measures =====

First Aid:EYE:FLUSH WITH WATER 15 MIN. SKIN:REMOVE CONTAMINATED
CLOTHING. WASH WITH SOAP & WATER. INHALED:REMOVE FROM EXPOSURE.
GIVE OXYGEN IF NECESSARY. POLYMER FUME FEVER SHOULD SUBSIDE IN 24
HRS. INGESTED:DO NOT INDUCE VOMITING(ASPIRATION HAZARD).GET
IMMEDIATE MEDICAL ATTENTION.

===== Fire Fighting Measures =====

Flash Point Method:COC
Flash Point:500F/260C
Extinguishin

g Media: DRY CHEMICAL, CO*2, FOAM, WATER FOG

Fire Fighting Procedures: USE WATER TO COOL CONTNRS. USE SCBA IN FIRES AND CONFINED ARE

Unusual Fire/Explosion Hazard: DECOMPOSITION AT FLAME TEMPERATURES LIBERATES POTENTIALLY HARMFUL COMPOUNDS.

===== Accidental Release Measures =====

Spill Release Procedures: ABSORB ON INERT MATERIAL. STORE IN ENCLOSED CONTAINERS PENDING DISPOSAL.

Neutralizing Agent: NONE

===== Handling and Storage =====
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Handling and Storage Precautions: STORE IN COOL, DRY WELL VENTILATED AREA. AVOID, HEAT, OPEN FLAMES. KEEP CONTAINER CLOSED WHEN NOT IN USE

===== Exposure Controls/Personal Protection =====

Respiratory Protection: USE NIOSH APPROVED RESPIRATOR FOR ORGANIC VAPORS/OIL MIST

Ventilation: NOT NORMALLY REQUIRED. USE LOCAL EXHAUST IF TEMPERATURES EXCEED 572F/300C TO REMOVE TOXIC DECOMPOSITION PRODUCTS.

Protective Gloves: RUBBER

Eye Protection: SAFETY/CHEM GOGGLES

Other P

Protective Equipment: OTHER IMPERVIOUS GARMENTS IF DICTATED BY TASK AT HAND.

Work Hygienic Practices: USE NORMAL INDUSTRIAL HYGIENE PRACTICE. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

NOTE FROM MSDS: THIS PRODUCT MAY CONTAIN A CHEMICAL THAT HAS BEEN LISTED UNDER CALIFORNIA'S PROPOSITION 65 AS A REPRODUCTIVE TOXIN OR CARCINOGEN.

===== Physical/Chemical Properties =====

HCC: V6

Boiling Pt: B.P. Text: >600/316C

Decomp Temp: Deco

mp Text:572F/300C

Spec Gravity:1.23

Solubility in Water:INSOLUBLE

Appearance and Odor:CREAM TO TAN SEMI-FLUID COMPOUND,MILD ODOR.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

REACTIVE METALS,STRONG OXIDIZERS.

Stability Condition to Avoid:OPEN FLAME.

Hazardous Decomposition Products:NORMAL PRODUCTS OF HYDROCARBON

COMBUSTION. PLUS ABOVE 300C HYDROGEN FLUORIDE AND ETHER FLUORIDES.

===== Disposal Considerations

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Waste Disposal Methods:DISPOSE I/A/W FEDERAL,STATE,LOCAL REGULATIONS.

DO NOT BURN MATERIAL CONTAMINATED WITH THIS PRODUCT.

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