View NSN Online: https://aerobasegroup.com/nsn/8040-00-148-7183

EMERSON & CUMING,INC., DIV OF W.R.GRACE AND CO. -- CATALYST 15 BLACK 8040-00-148-7183

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

Product ID:CATALYST 15 BLACK

MSDS Date:11/08/1989

FSC:8040

NIIN:00-148-7183

Kit Part:Y

MSDS Number: BVFWB === Responsible Party ===

Company Name: EMERSON & CUMING, INC., DIV OF W.R.GRACE AND CO.

Address:61 HOLTON STREET

City:WOBURN

State:MA ZIP:01180 Country:US

Info Phone Num: 800-225-1936

Emergency Phone Num:800-225-1936

Preparer's Name: DAVID HAAS

CAGE:0JMR7

=== Contractor Identification ===

Company Name: EMERSON & CUMING, INC., DIV OF W.R. GRACE AND CO.

Address:61 HOLTON STREET

Box:City:WOBURN

State:MA ZIP:01180 Country:US

Phone:800-225-1936

CAGE:0JMR7

======= Composition/Information on Ingredients ========

Ingred Name: POLYAMIDE RESIN

Fraction by Wt: > 90%

Other REC Limits: NONE SPECIFIED

Ingred Name:TRIETHYLENE TETRAMINE

CAS:112-24-3

RTECS #:YE6650000

F

raction by Wt: < 5%
Other REC Limits:NONE SPECIFIED
Ingred Name:TERPHENYLS
Fraction by Wt: < 5%
Other REC Limits:NONE SPECIFIED

OSHA PEL:0.5 PPM (CEILING) ACGIH TLV:0.5 PPM (CEILING)

Ingred Name: NON HAZARDOUS MODIFIERS

Fraction by Wt: < 5%

Other REC Limits: NONE SPECIFIED

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO Health Hazards Acute and Chronic:REPEATED OVER

EXPOSURE TO TRIETHYLENE

TETRAMINE IS REPORTED TO CAUSE LIVER AND KIDNEY DAMAGE. THIS MATERIAL MAY BE TOXIC IF ABSORBED THROUGH THE SKIN.

Explanation of Carcinogenicity: NOT CARCINOGENIC.

Effects of Overexposure:INHALATION-INHALATION MAY CAUSE RESPIRATORY TRACT IRRITATION. EYE-VERY SEVERE IRRITATION UPON CONTACT. CAN CAUSE PERMANENT DAMAGE OR BLINDNESS. SKIN-SEVERE IRRITATION UPON DIRECT CONTACT. MAY RESULT I N BURNS & TISSUE DAMAGE. INGESTION-HARMFUL IF SWALLOWED.

Medical

Cond Aggravated by Exposure:NO DATA AVAILABLE FOR THIS PRODUCT MIXTURE.

First Aid:INHALE-REMOVE TO FRESH AIR. GIVE OXYGEN IF BREATHING IS DIFFICULT, ARTIFICIAL RESPIRATION IF NOT BREATHING. SEE DOCTOR. EYE-IMMEDIATELY FLUSH WITH PLENTY OF WATER CONTINUE FLUSHING UNTIL PHYSICIAN IS SEEN. SKIN-REMOVE CONTAMINATED CLOTHING, WASH AFFECTED AREA WITH SOAP AND WATER. INGESTION-DILUTE WITH LARGE QUANTITIES OF

WATER. DO NOT INDUCE VOMITING. GET IMMEDIATE MEDICAL ATTENTION.

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

Flash Point Method:CC Flash Point:>300F/>149C

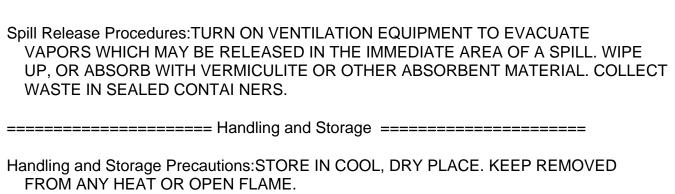
Extinguishing Media: CARBON DIOXIDE, DRY CHEMICAL, FOAM, WATER FOG.

Fire Fighting Procedures:FIREFIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:TOXIC VAPORS MAY BE EVOLVED UPON EXPOSURE TO HEAT OR OPEN FLAME.

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

========



Other Precautions:FLAMMABILITY/EXPLOSION PRECAUTIONS: KEEP AWAY FROM INTENSE HEAT, OPEN FLAMES. PROTECTIVE GLOVES, CLOTHING AND CHEMICAL SPLASH GOGGLES MUST BE WORN DURING ENTIRE CLEAN-UP OPERATIONS TO PREVENT RESPIRAT ORY OR EYE IRRITATION.

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

Respiratory Protection:WEAR AN APPROPRIATE PROPERLY FITTED RESPIRATOR WHEN CONTAMINANT LEVELS EXCEED THE RECOMMENDED EXPOSURE LIMITS. Ventilation:DO NOT BREATH VAPORS, MIST OR SPRAY. USE ONLY WITH PROPER MECHANICAL EXHAUST VENTILATION.

D

rotective Gloves:WEAR PROPER PROTECTIVE GLOVES

Eye Protection: WEAR CHEMICAL SPLASH GOGGLES.

Other Protective Equipment:WEAR PROTECTIVE CLOTHING TO PREVENT EXPOSURE.

Work Hygienic Practices: REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REUSING. DO NOT INGEST OR SWALLOW THIS MATERIAL.

Supplemental Safety and Health

TRIETHYLENE TETRAMINE MAY BE HARMFUL IF ABSORBED THROUGH THE SKIN; HOWEVER, THIS PRODUCT AS A WHOLE HAS NOT BEEN TESTED FOR DERMAL TOXICITY.

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

HCC:N1 Vapor Density:> THAN AIR Spec Gravity:0.95-1.05 Appearance and Odor:BLACK LIQUID Percent Volatiles by Volume:NEGLIG

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZERS, PEROXIDES, ACIDS, EPOXIDES.
Stability Condition to Avoid:STORAGE IN OPEN CONTAINERS,EXPOSURE TO
HEAT/ OPEN FLAME,UNCONTROLLED MIXING WITH (OR EXPOSURE
TO)INCOMPATIBLE SUBSTANCES
Hazardous Decompos

ition Products:CARBON MONOXIDE, CARBON DIOXIDE,
OXIDES OF NITROGEN.
Conditions to Avoid Polymerization:HAZARDOUS POLYMERIZATION WILL NOT
OCCUR.

====== Disposal Considerations ==========

Waste Disposal Methods:DISPOSED OF IN ACCORDANCE WITH CURRENT LOCAL, STATE AND FEDERAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.