

EMERSON AND CUMING, INC.; A GRACE COMPANY -- CATALYST 15 BLACK; PART B --
5970-00-109-4611

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

Product ID:CATALYST 15 BLACK; PART B

MSDS Date:01/15/1996

FSC:5970

NIIN:00-109-4611

Kit Part:Y

MSDS Number: BHZGC

=== Responsible Party ===

Company Name:EMERSON AND CUMING, INC.; A GRACE COMPANY

Address:77 DRAGON COURT

City:WOBURN

State:MA

ZIP:01888

Country:US

Info Phone N

um:617-828-3300

Emergency Phone Num:617-935-4850

CAGE:OB562

=== 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

Company Name:EMERSON AND CUMING, INC,

Address:77 DRAGON CT.

City:WOBURN

State:MA

ZIP:01888-5000

Country:US

Phone:617-935-4850/617-938-8630

CAGE:OB562

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

Ingred Name:PIGMENTS

Fr

action by Wt: 149C

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

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:FIRE OR EXCESSIVE HEAT MAY CAUSE PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS.

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

Spill Release Procedures

:SMALL SPILL: WIPE/SOAK UP WITH PAPER TOWEL OR INERT ABSORBANT. PUT IN DISPOSAL CONTAINER. REMOVE RESIDUE WITH WATER. LARGE SPILL: EVACUATE AND VENTILATE AREA. IF POSSIBLE, STOP LEAK. DIKE TO RETAIN RUN OFF. VACUUM UP FREE LIQUID. ABSORB/WASH RESIDUE.

Neutralizing Agent:NOT APPLICABLE.

===== Handling and Storage =====

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED AREA. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE.

E. PROTECT CONTAINERS FROM PHYSICAL DAMAGE.

Other Precautions:DO NOT TAKE INTERNALLY. DO NOT BREATHE MIST. AVOID PROLONGED OR REPEATED BREATHING OF VAPOR. AVOID CONTACT WITH EYES. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING.

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

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES BELOW PEL(TLV), USE NIOSH/MSHA APPROVED ORGANIC VAPOR CARTRIDGE AND DUST/MIST PRE-FILTER RESPIRATORS AS PER CURRENT 29

CFR 1910.134, INSTRUCTIONS/ WARNINGS AND NIOSH-RESPIRATOR SELECTION.

Ventilation:MECHANICAL (GENERAL) ROOM VENTILATION IS NORMALLY ADEQUATE. LOCAL EXHAUST MAY BE REQUIRED IF WORK AREA NOT VENTED.

Protective Gloves:RUBBER

Eye Protection:SAFETY GOGGLES WITH OPTIONAL FACE SHIELD

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER. INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICE

S AND

RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health

AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES. DO NOT BREATHE VAPORS OR MISTS.

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

HCC:N1

Vapor Density:>1

Spec Gravity:0.95-1.05

Appearance and Odor:BLACK LIQUID

Percent Volatiles by Volume:NEGL.

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

Stability Indicator/Mate

rials to Avoid:YES

STRONG OXIDIZERS, PEROXIDES, ACIDS, EPOXIDES.

Stability Condition to Avoid:HIGH TEMPERATURES, SPARKS, AND OPEN

FLAMES. STORAGE IN OPEN CONTAINERS. UNCONTROLLED MIXING WITH INCOMPATIBLE SUBSTANCES

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE AND OXIDES OF NITROGEN.

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

Waste Disposal Methods:DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

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