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3M CENTER -- SCOTCHCAST 4407 SIZE C ENCAPSULATING AND BLOCKING COMPOUND --
5970-00-410-5961

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

Product ID:SCOTCHCAST 4407 SIZE C ENCAPSULATING AND BLOCKING COMPOUND

MSDS Date:10/27/1998

FSC:5970

NIIN:00-410-5961

Status Code:A

MSDS Number: CKDQQ

=== Responsible Party ===

Company Name:3M CENTER

Address:XXXXX

City:ST PAUL

State:MN

ZIP:55144-1000

Country:US

Info Phone N

um:1-800-364-3577 651-737-6501 24HRS

Emergency Phone Num:652-737-6501 (24 HOURS)

Resp. Party Other MSDS Num.:PART B (POLYOL)

CAGE:1B5W4

=== Contractor Identification ===

Company Name:3M CUSTOMER SERVICE

Address:6043 HUDSON RD SUITE 290

Box:City:SAINT PAUL

State:MN

ZIP:55125

Country:US

Phone:800-388-6778

CAGE:1B5W4

Company Name:SUMMIT ASSOCIATES

Address:10910-H SOUTHLAKE COURT

Box:City:RICHMOND

State:VA

ZIP:23236-3914

Country:US

Phone:804-794-1434

Contract Num:SP040099AB626-0098

CAGE:9X866

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

Ingred Name:PROPYLENE GLYCOL GLYCEROL TRIETHER
CAS:25791-96-2
RTECS #:MD0915000
Minumum % Wt:55.
Maxumum % Wt:65.

Ingred Name:DITRIDECYL PHTHALATE
CAS:119-06-2
RTECS #:TI1950000
Minumum % Wt:10.
Maxumum % Wt:20.

Ingred Name:N,N-DI(2-HYDROXYPROPYL)ANILINE
CAS:3077-13-2
Minumum % Wt:10.
Maxumum % Wt:20.

Ingred Name:DIPROPYLENE GLYCOL
CAS:25265-71-8
RTECS #:UB8765000
Minumum % Wt:5.
Maxumum % Wt:10.

==== Hazards

Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYES: MILD EYE IRRITATION. SKIN
CONTACT: MILD SKIN IRRITATION. PROLONGED OR REPEATED EXPOSURE MAY
CAUSE ALLERGIC SKIN REACTION. INHALATION: ALLERGIC RESPIRATORY
REACTION. PROLONGED OR REPEATED OVERE XPOSURE, ABOVE RECOMMENDED
GUIDELINES, MAY CAUSE LUNG DAMAGE. IF SWALLOWED: IRRITATION OF
GASTRO
INTESTINAL TISSUES.

Effects of Overexposure:EYES: REDNESS, SWELLING, PAIN, TEARING. SKIN
CONTACT: REDNESS, SWELLING, & ITCHING. PROLONGED OR REPEATED
EXPOSURE MAY CAUSE: REDNESS, SWELLING, BLISTERING, & ITCHING.
INHALATION: SORENESS OF NOSE & THROAT, COUGHING, SNEEZING.
PROLONGED OR REPEATED OVEREXPOSURE, ABOVE RECOMMENDED GUIDELINES,
MAY CAUSE: COUGHING, DIFFICULTY BREATHING, WHEEZING, TIGHTNESS IN
CHEST, CONGESTION, & COUGHING UP OF BLO OD. IF SWALLOWED: PAIN,
VO

MITING, ABDOMINAL TENDERNESS, NAUSEA, BLOOD IN VOMITUS, BLOOD IN
FECES.

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

First Aid:EYE CONTACT: IMMEDIATELY FLUSH EYES WITH LARGE AMOUNTS OF
WATER. GET IMMEDIATE MEDICAL ATTENTION. SKIN CONTACT: IMMEDIATELY
WASH SKIN WITH SOAP AND LARGE AMOUNTS OF WATER. REMOVE CONTAMINATED
CLOTHING . IF SIGNS/SYMPTOMS OCCUR, CALL A PHYSICIAN. WASH
CONTAMINATED CLOTHING BEFORE REUSE AND DISPOSE OF CONTAMINATED
SHOES. IN

HALATION: REMOVE PERSON TO FRESH AIR. IF NOT BREATHING,
GIVE ARTIFICIAL RESPIR ATION. IF BREATHING IS DIFFICULT, GET
IMMEDIATE MEDICAL ATTENTION. IF SWALLOWED: DRINK TWO GLASSES OF
WATER. CALL A PHYSICIAN.

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

Flash Point Method:TCC

Flash Point:>132.2C, 270.F

PARTS A & B

Autoignition Temp:Autoignition Temp Text:N/D

Lower Limits:N/D

Upper Limits:N/D

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, FOAM.

Fire Fighting

Procedures:WEAR FULL PROTECTIVE CLOTHING, INCLUDING
HELMET, SELF-CONTAINED, POSITIVE PRESSURE OR PRESSURE DEMAND
BREATHING APPARATUS, BUNKER COAT AND PANTS, BANDS AROUND ARMS,
WAIST AND LEGS, FACE MASK, AND PROT ECTIVE COVERING FOR EXPOSED
AREAS OF THE HEAD.

Unusual Fire/Explosion Hazard:PREVENT ALL SOURCES OF IGNITION. SEE
HAZARDOUS DECOMPOSITION SECTION FOR PRODUCTS OF COMBUSTION.

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

Spill Release Procedures

:PHYSICAL HEALTH HAZARDS, RESPIRAT PROTECT,
VENTILATION, PERSON PROTECT EQUIP. CONTAIN SPILL. POUR ISOCYANATE
DECONTAMINANT SOLUTION (90% WATER, 8% CONCENTRATED AMMONIA, 2%
DETERGENT) ON SPILL, ALLOW T O REACT 10 MINS. ALTERNATIVELY, POUR
WATER ON SPILL, ALLOW REACT FOR MORE THAN 30 MINS. COVER WITH
ABSORBENT. PLACE IN APPROVED DRUM, DO NOT SEAL DRUM FOR 48 HRS TO
AVOID PRESSURE BUILDUP.

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

Respiratory Pr

Protection:AVOID BREATHING OF VAPORS. SELECT THE FOLLOWING
NIOSH APPROVED RESPIRATOR BASED ON AIRBORNE CONCENTRATION OF
CONTAMINANTS AND IN ACCORDANCE WITH OSHA REGULATIONS: HALF-MASK
SUPPLIED AIR RESPIRATOR.
Ventilation:PROVIDE SUFFICIENT VENTILATION TO MAINTAIN EMISSIONS BELOW
RECOMMENDED EXPOSURE LIMITS. IF EXHAUST VENTILATION NOT ADEQUATE,
USE APPROPRIATE RESPIRATORY PROTECT
Protective Gloves:GLOVES NOT NORMALLY REQUIRED.
Eye Protection:AVOID EYE CONTACT. WEAR SAFETY GLASSES
WITH SIDE
SHIELDS.
Other Protective Equipment:GLOVES SHOULD BE WORN FOR CLEANUP OF SPILLS
OR LEAKAGE WHERE SKIN CONTACT IS POSSIBLE.
Work Hygienic Practices:WASH HANDS AFTER HANDLING AND BEFORE EATING. DO
NOT INGEST.
Supplemental Safety and Health
KEY1: V5. KEEP OUT OF THE REACH OF CHILDREN. PART A OF THIS KIT HAS
AN HMIS MSDS SERIAL NUMBER CKDQC. THIS HMIS RECORD IS FOR PART B.

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

HCC:T6
Melt/Freeze Pt:M.P/
F.P Text:N/D
Vapor Density:8.5 AIR=1
Spec Gravity:1.05
Viscosity:-450 CPS.
Solubility in Water:INSOLUBLE.
Appearance and Odor:AMBER, OILY LIQUID.

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS.
Stability Condition to Avoid:REACTION WITH WATER, ALCOHOLS AND AMINES
ARE NOT HAZARDOUS IF CONTAINER CAN VENT TO THE ATMOSPHERE TO
PREVENT PRESSURE BUILDUP. PREVENT ALL SOURCES OF IGNITION.
Hazardous Decompos
ition Products:CARBON MONOXIDE AND CARBON DIOXIDE,
OXIDES OF NITROGEN, HYDROGEN CYANIDE.
Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:INCINERATE IN AN INDUSTRIAL OR COMMERCIAL
FACILITY. DISPOSE OF COMPLETELY CURED (OR POLYMERIZED) MATERIAL IN
A SANITARY LANDFILL. DISPOSE OF EMPTY CANS IN A SANITARY
LANDFILL.SINCE REGULATIONS VARY, CONSULT APPLICABLE REGULATIONS OR
AUTHORITIES

EFORE DISPOSAL.

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