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MINNESOTA MINING & MFG CO TELCOMM PRODUCTS DIV -- S'CAST 4407 ENCAPSULTG & BLKING  
COMP'D (PART A -PREPOLYMER) -- 5805-00-709-2868

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

Product ID:S'CAST 4407 ENCAPSULTG & BLKING COMP'D (PART A -PREPOLYMER)

MSDS Date:03/27/1992

FSC:5805

NIIN:00-709-2868

Kit Part:Y

MSDS Number: BVGLT

=== Responsible Party ===

Company Name:MINNESOTA MINING & MFG CO TELCOMM PRODUCTS DIV

A

ddress:3M AUSTIN CTR

Box:2963

City:AUSTIN

State:TX

ZIP:78769-2963

Country:US

Info Phone Num:512-834-1800

Emergency Phone Num:512-834-1800

CAGE:55203

=== Contractor Identification ===

Company Name:GENERAL TOOL & SUPPLY CO.

Address:5614 7TH AVENUE SOUTH

Box:80904

City:SEATTLE

State:WA

ZIP:98108-3317

Country:US

Phone:206-762-1500

CAGE:3Z323

Company Name:MINNESOTA MINING AND MFG CO TELCOMM MARKETS DIV

Address:3M AUSTIN CTR

Box:City:AUSTIN

State:TX

ZIP:79769-2963

Country:US

Phone:800-426-8688

CAGE:55

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

Ingred Name:DITRIDECYL PHTHALATE

CAS:119-06-2

Fraction by Wt: 30-45%

Other REC Limits:NONE SPECIFIED

Ingred Name:MDI POLYURETHANE PREPOLYMER

CAS:68442-03-5

Fraction by Wt: 15-25%

Other REC Limits:NONE SPECIFIED

Ingred Name:DIPHENYLMETHANE DIISOCYANATE (MDI)

CAS:26447-40-5

Fraction by Wt: 1-5%

Other REC Limits:NONE SPECIFIED

Ingred Name:HIGHER OLIGOMERS OF MDI (POLYMETHYLENE POLYPHENYLENE  
POLYISOCYANATE)

CAS:9016-87

-9

RTECS #:TR0350000

Fraction by Wt: 15-25%

Other REC Limits:NONE SPECIFIED

Ingred Name:C.I. SOLVENT YELLOW 3 (SARA III)

CAS:97-56-3

RTECS #:YU8800000

Fraction by Wt: 5ML/KG

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO

Health Hazards Acute and Chronic:EYE-MILD EYE IRRITATION. SKIN-MILD  
IRRITATION. INHALATION-IRRITATION, ALLERGIC RESPIRATORY REACTION.  
INGESTION- GI TRACT IRRITATION. CHRONIC- LIVER, MAMMARY, URINARY,

GALLBLADDER AND SKIN CANCER, LUNG DAMAGE, SKIN ALLERGIES.

Explanation of Carcinogenicity:C.I.SOLVENT YELLOW 3 IS LISTED AS A  
POSSIBEL HUMAN CARCINOGEN BY IARC, & ANTICIPATED HUMAN CARCINOGEN  
BY NTP.

Effects of Overexposure:INHALATION-SORENESS OF NOSE, THROAT, COUGHING  
AND SNEEZING, BREATHING DIFFICULTY, WHEEZING, TIGHTNESS OF CHEST,  
RESPIRATORY FAILURE. SKIN:SWELLING AND ITCHING. INGESTION:NAUSEA,  
VOMITING, ABDOMINAL PA IN AND TENDERNESS, BLOOD IN VOMITUS  
AND FECES.

Medi

cal Cond Aggravated by Exposure:SKIN ALLERGIES, RESPIRATORY DISORDERS.

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

First Aid:INHALATION:REMOVE TO FRESH AIR, PROVIDE CPR/OXYGEN IF NEEDED.  
EYE CONTACT:FLUSH WITH WATER FOR 15 MINUTES. GET MEDICAL HELP. SKIN  
CONTACT:WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. GET  
MEDICAL ATTENTION IF SYMPTOMS PERSIST. INGESTION:DO NOT INDUCE  
VOMITING, DRINK 1-2 GLASSES OF WATER OR MILK. GET MEDICAL HELP  
IMMEDIATELY.

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

Flash Point Method:TCC  
Flash Point:>270F,>132C  
Extinguishing Media:CARBON DIOXIDE, FOAM, DRY CHEMICAL  
Fire Fighting Procedures:FIRE FIGHTERS SHOULD WEAR PROTECTIVE CLOTHING  
AND SELF-CONTAINED BREATHING APPARATUS.  
Unusual Fire/Explosion Hazard:FIRE OR EXCESSIVE HEAT MAY CAUSE  
PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS.

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

Spill Release Procedures:WEAR AN ORGANIC VAPOR MASK. POUR DECONTAMINANT  
(8% CONC. AMMONIA, 2% LIQUID DETERGENT, 90% WATER) OVER SPILL, WAIT  
10 MIN. OR POUR WATER & ALLOW TO REACT FOR >30 MIN. POUR ABSORBENT  
OVER SPILL, TRANSFER TO DRUM. LET DRUM SIT FOR 24 HRS BEFORE  
SEALING  
Neutralizing Agent:MIXTURE: 8% CONC AMMONIA, 2% LIQUID DETERGENT, 90%  
WATER.

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

Handling and Storage Precautions:STORE AWAY FROM SOURCES OF IGNITION,  
IN A WELL VENTILATED, DRY PLACE. KEEP OUT OF REACH OF CHILDREN.  
Other Precautions:AVOID BREATHING VAPORS. CURED MATERIAL IS DIFFICULT  
TO REMOVE FROM SKIN. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

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

Respiratory Protection:USE NIOSH APPROVED HALF-MASK SUPPLIED AIR  
RESPIRATOR OR SELF-CONTAINED BREATHING APPARATUS IF TLV IS EXCEEDED  
OR WHEN USING IN CONFINED SPACE OR POORLY VENTILATED AREAS.  
Ventilation:PROVIDE ADEQUATE

TE VENTILATION TO MAINTAIN EMISSION BELOW  
RECOMMENDED EXPOSURE LIMITS.

Protective Gloves:IMPERVIOUS GLOVES.

Eye Protection:GOGGLES, SAFETY GLASSES.

Other Protective Equipment:LONG SLEEVE APRON

Work Hygienic Practices:DO NOT EAT, DRINK OR SMOKE WHILE WORKING WITH  
THIS PRODUCT. WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

KEY1:T4. THIS IS PART A (PREPOLYMER) OF A TWO PART KIT, SAME NSN. KIT  
NUMBER IS 898X. PART A IS THE MOST HAZARDOUS. BOTH MSDS (PART A &  
B) SHOUL  
D BE KEPT TOGETHER.

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

HCC:T4

Vapor Pres:NEGLIGIBLE

Vapor Density:8.5

Spec Gravity:1.05

Viscosity:2000CPS

Solubility in Water:REACTS

Appearance and Odor:DARK GREEN, VISCOUS LIQUID.

Percent Volatiles by Volume:NIL

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

Stability Indicator/Materials to Avoid:YES

REACTS WITH WATER & ALCOHOL, OXIDIZING AGENTS.

Stability Condition to Avoid:AVOID EXCESS HEAT & IGNITION S  
OURCES.

Hazardous Decomposition Products:THERMAL DECOMPOSITION OR BURNING MAY  
PRODUCE CARBON MONOXIDE, CARBON DIOXIDE, TRACES OF HYDROGEN CYNIDE,  
NITROGEN OXIDES

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

Waste Disposal Methods:INCINERATED IN ACCORDANCE WITH LOCAL AND STATE  
REGULATIONS. CURED RESIN MAY BE BURIED IN A SANITARY LANDFILL IN  
ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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