

View NSN Online: <https://aerobasegroup.kr/nsn/5805-00-709-2868>

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

Address: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. LAUNDRY 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) SHOULD 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.

Disclaimer (provided with this information by the compiling a

gencies):

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.