

CYTEC INDUSTRIES INC. -- CONAP (R) CD-1170 ACRYLIC COATING -- 5970-00-442-0272

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

Product ID:CONAP (R) CD-1170 ACRYLIC COATING

MSDS Date:04/18/2000

FSC:5970

NIIN:00-442-0272

Status Code:A

MSDS Number: CLBQC

=== Responsible Party ===

Company Name:CYTEC INDUSTRIES INC.

Address:FIVE GARRET MOUNTAIN PLAZA

City:WEST PATERSON

State:NJ

ZIP:07424

Country:US

Info Phone Num:1

-800-652-6013

Emergency Phone Num:800-652-6013

Resp. Party Other MSDS Num.:MSDS NO: 05995

Chemtrec Ind/Phone:(800)424-9300

CAGE:TO521

=== Contractor Identification ===

Company Name:CYTEC INDUSTRIES INC.

Address:FIVE GARRET MOUNTAIN PLAZA

Box:City:WEST PATERSON

State:NJ

ZIP:07424

Country:US

Phone:1-800-652-6013

CAGE:TO521

Company Name:THE SMITH GROUP INC.

Address:811 E. CAYUGA STREET

Box:City:PHILADELPHIA

State:PA

ZIP:19124-3893

Country:US

Phone:215-743-8200

Contract Num:SP0430-01-M-NB72

CAGE:2B6

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

Ingred Name:XYLENE  
CAS:1330-20-7  
RTECS #:ZE2100000  
Minumum % Wt:25.  
Maxumum % Wt:35.  
ACGIH TLV:434 MG/M3;100 PPM  
ACGIH STEL:651 MG/M3;150 PPM  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:TOLUENE  
CAS:108-88-3  
RTECS #:XS5250000  
Minumum % Wt:30.  
Maxumum % Wt:40.  
OSHA PEL:SEE TABLE Z-2  
ACGIH TLV:188 MG/M3;50 PPM  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:METHYL METHACRYLATE  
CAS:80-62-6  
RTECS #:OZ5075000  
&  
It; Wt:.7  
OSHA PEL:410 MG/M3;100 PPM  
ACGIH TLV:410 MG/M3;100 PPM  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

=====  
Hazards Identification  
=====

LD50 LC50 Mixture:ORAL RAT - >5000 MG/KG  
Health Hazards Acute and Chronic:DIRECT CONTACT WITH THIS MATERIAL MAY  
CAUSE MODERATE EYE AND MILD SKIN IRRITATION. REPEATED OR PROLONGED  
DERMAL CONTACT WITH THIS PRODUCT MAY CAUSE ALLERGIC SKIN REACTIONS.  
Explanation of Carcinogenicity:NONE PROVIDED BY MFR  
Effects of Over

exposure:DIRECT CONTACT WITH THIS MATERIAL MAY CAUSE  
MODERATE EYE AND MILD SKIN IRRITATION. REPEATED OR PROLONGED DERMAL  
CONTACT WITH THIS PRODUCT MAY CAUSE ALLERGIC SKIN REACTIONS.  
Medical Cond Aggravated by Exposure:NONE PROVIDED BY MFR

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

First Aid:INGESTED: CALL DOCTOR IMMEDIATELY. ONLY INDUCE VOMITING IF  
INSTRUCED BY DOCTOR. NEVER GIVE ANYTHING BY MOUTH IF UNCONSCIOUS.  
SKIN: IMMEDIATELY WASH AFFECTED AREAS WITH SOAP & PLENTY WATER.  
REMOVE CONTAMINATED CLOTHING & SHOES. GET MEDICAL ATTENTION.  
DESTROY OR THOROUGHLY CLEAN SHOES BEFORE REUSE. DO NOT REUSE  
CONTAMINATED CLOTHING WITHOUT LAUNDERING. IN CASE OF EYE CONTACT,  
IMMEDIATELY IRRIGATE WITH PLENTY OF WATER FOR 15 MINUTES. OBTAIN  
MEDICAL ATTENTION IF IRRITATION PERSISTS OR IF OTHERWISE NECESSARY.  
IF VAPOR OR DUST OF THIS MATERIAL IS INHALED, REMOVE FROM EXPOSURE.  
GIVE O2 IF BREATHING DIFFICULT. GET MEDICAL HELP IF NEEDED.

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

Flash Point Method:PMCC  
Flash Point:=-6.7C, 44.F  
Autoignition Temp:Autoignition Temp Text:NOT AV  
Lower Limits:NOT AVAILABL  
Upper Limits:NOT AVAILABL  
Extinguishing Media:USE WATER SPRAY, ALCOHOL FOAM, CARBON DIOXIDE OR  
DRY CHEMICAL TO EXTINGUISH FIRES. WATER MAY BE INEFFECTIVE  
Fire Fighting Procedures:USE WATER TO KEEP CONTAINERS COOL. WEAR  
SELF-CONTAINED POSITIVE PRESSURE BREATHING APPARATUS AND FULL  
FIREFIGHTING PROTECTIVE CLOTHING. SEE CONTROL/PERSONAL PROTECTION  
FOR SPECIAL PROTECTIVE CLOTHING.  
Unusual Fire/Explosion Hazard:NONE PROVIDED BY MFR

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

Spill Release Procedures:REMOVE IGNITION SOURCES. IF EXPOSURE UNKNOWN,  
WEAR NIOSH APPROVED, POSITIVE PRESSURE, SELF CONTAINED RESPIRATOR.  
IF EXPOSURE KNOWN, WEAR NIOSH APPROVED RESPIRATOR SUITABLE FOR  
LEVEL OF EXPOSURE. IN ADDITION TO PROTECTIVE CLOTHING/EQUIPMENT IN

CONTROLS/PERSONAL PROTECTION, WEAR IMPERVIOUS BOOTS. COVER SPILLS WITH INERT ABSORBENT MATERIAL, SWEEP UP & PLACE IN WASTE CONTAINER. FLUSH AREA WITH WATER.

Neutralizing Agent:NONE PROVIDED BY MFR

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

Handling and Storage Precautions:KEEP AWAY FROM HEAT, SPARKS AND FLAME.AREAS CONTAINING MATERIAL SHOULD HAVE FIRE-SAFE PRACTICES & ELECTRICAL EQUIPMENT IN ACCORDANCE WITH NFPA-30 CLASS I FLAMMABLE LIQUIDS & OSHA I

INSTRUCTION STD 1-5.1 4A & STATE & LOCAL REQUIREMENTS.

Other Precautions:AVOID PROLONGED OR REPEATED CONTACT WITH SKIN. KEEP CONTAINER CLOSED. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING.

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

Respiratory Protection:WHERE EXPOSURES ARE BELOW THE PERMISSIBLE EXPOSURE LIMIT (PEL), NO RESPIRATORY PROTECTION IS REQUIRED. WHERE EXPOSURES EXCEED THE PEL, USE RESPIRATOR APPROVED BY NIOSH FOR THE MA

TERIAL AND LEVEL OF EX POSURE. SEE " GUIDE TO INDUSTRIAL RESPIRATORY PROTECTION" (NIOSH).

Ventilation:WHERE THIS MATERIAL S NOT USED IN A CLOSED SYSTEM, GOOD ENCLOSURE AND LOCAL EXHAUST VENTILATION SHOULD BE PROVIDED TO CONTROL EXPOSURE.

Protective Gloves:IMPERVIOUS GLOVES

Eye Protection:CHEMICAL SPLASH PROOF GOGGLES OR FACE SHIELD

Other Protective Equipment:APRON, WORKPANTS, LONG SLEEVE WORK SHIRT, OR DISPOSABLE COVERALLS. EYEWASH EQUIPMENT AND SAFETY SHOWER.

Work Hygienic Prac

tices:SHOWER AFTER COMPLETION OF WORKSHIFT. LAUNDER WORK CLOTHING AT END OF SHIFT BEFORE REUSE. STORE STREET CLOTHING SEPARATELY FROM WORK CLOTHING PPE. DO NOT WEAR WORK CLOTHES/SHOES HOME.

Supplemental Safety and Health

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

HCC:F2

Boiling Pt:B.P. Text:NOT AVAILABLE

Melt/Freeze Pt:M.P/F.P Text:NOT AVAILABLE

Decomp Temp:Decomp Text:NOT AVAILABLE

Vapor Pres:NOT AVAILABLE

Vapor Density:NOT AVAILA

Spec Gravity:0.93

pH:NOT

AVAILABLE

Viscosity:NONE PROVIDED BY MFR

Evaporation Rate & Reference:NOT AVAILABLE

Solubility in Water:INSOLUBLE

Appearance and Odor:COLORLESS VOLATILE LIQUID

Percent Volatiles by Volume:70 - WT %

Corrosion Rate:NONE PROVIDED BY MFR

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

Stability Indicator/Materials to Avoid:YES

NITRIC ACID

Stability Condition to Avoid:NONE KNOWN

Hazardous Decomposition Products:THERMAL DECOMPOSITION OR COMBUSTION

MAY PRODUCE CARBON MONOXIDE, CARBON DIOXIDE AND/OR OXIDES OF NITROGEN.

Conditions to Avoid Polymerization:WILL NOT OCCUR

===== Toxicological Information =====

Toxicological Information:XYLENE EXPOSURE MAY CAUSE EYE/RESPIRATORY IRRITATION, HEADACHE, NAUSEA, DIZZINESS, FATIGUE, PERIPHERAL & CANTRAL NEUROPATHY. CHRONIC EXPOSURE MAY CAUSE LIVER/KIDNEY DAMAGE. TOLUENE EXPOSURE MAY CAUSE HEADACHE, FATIGUE NAUSEA, CNS DEPRESSION. SUSTAINED EXPOSURE MAY CAUSE KIDNEY/LIVER DAMAGE, FETOTOXIC EFFECTS. METHACRYLATE MONOMER EXPOSURE MAY CAUSE EYE & SKIN IRRITATION.

===== Ecological Information =====

Ecological:NO AQUATIC LC50, BOD OR COD DATA AVAILABLE.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE & FEDERAL REGULATIONS. CYTEC ENCOURAGES RECYCLE, RECOVERY & REUSE OF MATERIALS. HAZARDOUS WASTE CLASSIFICATION DEPENDS ON WHETHER  
M

ATERIAL CONTAINS LISTED HAZARDOUS WASTE OR EXHIBITS HAZARDOUS  
WASTE CHARACTERISTICS.

===== MSDS Transport Information =====

Transport Information:FLAMMABLE LIQUID, N.O.S., 3, UN1993, PGII

===== Regulatory Information =====

SARA Title III Information:XYLENE, TOLUENE AND METHYL METHACRYLATE ARE  
SARA 313 CHEMICALS. SARA 311 CLASSIFICATION: ACUTE, CHRONIC, FIRE  
Federal Regulatory Information:PRODUCT MANUFACTURED IN COMPLIAN  
CE WITH  
TSCA.

State Regulatory Information:PRODUCT CONTAINS (A) CHEMICAL(S) KNOWN TO  
THE STATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS OR OTHER  
REPRODUCTIVE HARM.

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.