

**MATERIAL SAFETY DATA SHEET**

**Company Name:** C. R. LAURENCE CO., INC.  
**Address:** 2503 E. VERNON AVE.  
**City / State / Zip:** LOS ANGELES / CA / 90058  
**US-CHEMTREC Phone(I):** (800)424-9300  
**US-CHEMTREC Phone(II):** (703)527-3887  
**CAN-CANUTEC Phone:** (613)996-6666  
**Vendor Update:** 8/10/2011  
**Date Prepared:** 8/17/2011  
**MSDS Number:** 1MC12 ; DMH18 ; DMH26 ; DMQ18 ; DMQ26 ; DMX18 ;  
 ; DMX22X24 ; DMX26 ; DMX2X2BR ; DMX32 ;  
 DMX36 ; TPLX13 ; TPLX1626 ; TPLX18 ; TPLX2030 ;  
 TPLX26 ; TPLX30 ; TPLX36 ;

**I. CHEMICAL PRODUCT IDENTIFICATION**

**Product Name:** FULL DOME MIRROR  
**HMIS Ratings:**  
 Health: Minimal(0)  
 Flammability: Slight(1)  
 Instability/Reactivity: Minimal(0)  
**NFPA Ratings:**  
 Health: Minimal(0)  
 Flammability: Slight(1)  
 Instability/Reactivity: Minimal(0)

**II. COMPOSITION, INFORMATION ON INGREDIENTS**

Chemical Ingredients	C.A.S. Number	% By Weight	ACGIH TLV TWA/STEL	OSHA PEL TWA/STEL	Other TWA/STEL	LD50	LC50
ACRYLIC COPOLYMER	TRADE SECRET	100					
<b>Notes</b>	NJTSR# 56705700001-6897 P NO OCCUPATIONAL EXPOSURE VALUES ESTABLISHED (ACGIH, OSHA, CANADA AND MEXICO)						
<b>Other:</b>	THIS MATERIAL IS CLASSIFIED AS NOT HAZARDOUS UNDER OSHA REGULATIONS.						

**III. HAZARDS IDENTIFICATION PRIMARY ROUTE OF ENTRY**

**Eyes:** NO HAZARD EXPECTED IN NORMAL USE. MATERIAL CAN CAUSE THE FOLLOWING: - MECHANICAL IRRITATION.  
**Skin:** MATERIAL CAN CAUSE THE FOLLOWING: -CUTS (WHEN USING CUT SHEETS)  
**Ingestion:** NO HAZARD EXPECTED IN NORMAL USE.  
**Inhalation:** NO HAZARD EXPECTED IN NORMAL USE.  
**Medical Conditions**  
**Aggravated by Exposure:**  
**Other:** EMERGENCY OVERVIEW  
 COLOR: COLORLESS OR COLORED  
 APPEARANCE: SOLID IN VARIOUS FORMS  
 ODOR: ODORLESS  
 UNDER NORMAL CONDITIONS OF USE, THIS PRODUCT IS NOT EXPECTED TO CREATE ANY UNUSUAL INDUSTRIAL HAZARDS.  
  
 PRIMARY ROUTES OF EXPOSURE  
 EYE CONTACT (IF EXPOSED TO CHIPS)

**IV. FIRST AID MEASURES**

<b>Eyes:</b>	IF MECHANICAL IRRITATION OCCURS FLUSH EYES THOROUGHLY WITH A LARGE AMOUNT OF WATER, CONSULT A PHYSICIAN IF IRRITATION PERSISTS. (POSSIBLE DURING MACHINING PROCESSES)
<b>Skin:</b>	NO SPECIFIC TREATMENT IS NECESSARY SINCE THIS MATERIAL IS NOT LIKELY TO BE HAZARDOUS.
<b>Ingestion:</b>	INGESTION IS NOT CONSIDERED A POTENTIAL ROUTE OF EXPOSURE.
<b>Inhalation:</b>	NO SPECIFIC TREATMENT IS NECESSARY SINCE THIS MATERIAL IS NOT LIKELY TO BE HAZARDOUS.

#### V. FIRE FIGHTING MEASURES

<b>Flash Point:</b>	>250°C (ASTM D1929-68); >482°F (ASTM D1929-68)
<b>Lower Flammability Limit:</b>	NOT APPLICABLE
<b>Upper Flammability Limit:</b>	NOT APPLICABLE
<b>Extinguishing Agents:</b>	USE THE FOLLOWING EXTINGUISHING MEDIA WHEN FIGHTING FIRES INVOLVING THIS MATERIAL: WATER SPRAY – FOAM – DRY CHEMICAL – CARBON DIOXIDE
<b>Unusual Fire or Explosion Hazards:</b>	USE WATER SPRAY TO COOL CONTAINERS EXPOSED TO FIRE.
<b>Fire Fighting Procedures:</b>	AS IN ANY FIRE, WEAR SELF-CONTAINED BREATHING APPARATUS PRESSURE-DEMAND, MSHA/NIOSH (APPROVED OR EQUIVALENT) AND FULL PROTECTIVE GEAR.
<b>Other:</b>	AUTOIGNITION TEMPERATURE >400°C (ASTM D1929-68); >752°F (ASTM D1929-68) OSHA FLAMMABILITY CLASSIFICATION: NONE

#### VI. ACCIDENTAL RELEASE MEASURES

<b>Containment/Cleanup:</b>	COLLECT MATERIAL AND PLACE IN A DISPOSAL CONTAINER. OBEY RELEVANT LOCAL, STATE, PROVINCIAL AND FEDERAL LAWS AND REGULATIONS.
-----------------------------	--

#### VII. HANDLING AND STORAGE

<b>Other:</b>	HANDLING: DURING THERMAL PROCESSING AND/OR MACHINING LOCAL EXHAUST VENTILATION AT PROCESSING MACHINES IS NECESSARY. STORAGE: DRY.
---------------	--

#### VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Eyes:</b>	GOGGLES FOR MACHINING OPERATIONS.
<b>Skin:</b>	HAND PROTECTION: PROTECTIVE GLOVES AGAINST MECHANICAL RISKS.
<b>Respiratory:</b>	A RESPIRATORY PROTECTION PROGRAM MEETING OSHA 1910.134 AND ANSI Z88.2 REQUIREMENTS MUST BE FOLLOWED WHENEVER WORKPLACE CONDITIONS WARRANT A RESPIRATOR'S USE.
<b>Engineering:</b>	IF USE OPERATIONS GENERATE DUST, USE ADEQUATE VENTILATION.

**Other:** OTHER PROTECTIVE EQUIPMENT  
TO IDENTIFY ADDITIONAL PERSONAL PROTECTIVE EQUIPMENT (PPE) REQUIREMENTS, IT IS RECOMMENDED THAT A HAZARD ASSESSMENT IN ACCORDANCE WITH THE OSHA PPE STANDARD (29CFR 1910.132) BE CONDUCTED BEFORE USING THIS PRODUCT.

#### IX. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** COLORLESS OR COLORED  
**Boiling Point:** NOT APPLICABLE  
**pH:** NOT APPLICABLE  
**Solubility in Water:** INSOLUBLE  
**Specific Gravity:** (WATER = 1) 1.19 G/CM<sup>3</sup> @ 20°C/68°F  
**Vapor Pressure:** NOT APPLICABLE  
**Vapor Density:** (AIR=1): NOT APPLICABLE  
**Physical State:** SOLID IN VARIOUS FORMS

**Other:** FLASH POINT: >250°C (ASTM D1929–68); >482°F (ASTM D1929–68)  
VISCOSITY (DYNAMIC): NOT APPLICABLE.  
SOFTENING TEMPERATURE: APPROX. 102°C/218°F  
N–OCTANOL/WATER PARTITION COEFFICIENT: NOT APPLICABLE  
EVAPORATION RATE: NOT APPLICABLE  
ODOR THRESHOLD: NOT AVAILABLE  
FURTHER INFORMATION: NONE.

#### X. STABILITY AND REACTIVITY

**Stability:** THIS PRODUCT IS STABLE UNDER NORMAL STORAGE CONDITIONS.

**Hazardous Polymerization:** PRODUCT WILL NOT UNDERGO POLYMERIZATION.

**Hazardous Decomposition Products:** IN CASE OF THERMAL DECOMPOSITION, COMBUSTIBLE VAPOURS ARE FORMED, WHICH ARE IRRITATING TO EYES AND RESPIRATORY SYSTEM, MAINLY CONSISTING OF: METHYL METHACRYLATE

**Incompatible Products:** OXIDIZING AGENTS, NO KNOWN INCOMPATIBILITY WITH OTHER MATERIALS.

**Conditions To Avoid:** THIS MATERIAL IS CONSIDERED STABLE.

#### XI. TOXICOLOGICAL INFORMATION

**Other:** FURTHER INFORMATION ON TOXICOLOGY  
THE PRODUCT HAS NOT BEEN TESTED TOXICOLOGICALLY. WHEN HANDLED AND USED AS DIRECTED THE PRODUCT WILL NOT CAUSE HAZARDOUS EFFECTS TO HEALTH ACCORDING TO STUDIES ON SIMILAR PRODUCTS AND PRACTICAL EXPERIENCE.

#### XII. ECOLOGICAL INFORMATION

**Ecotoxicity:**

**Other:** FURTHER INFORMATION ON ECOLOGY  
THE PRODUCT HAS NOT BEEN TESTED ECO TOXICOLOGICALLY. ON THE BASIS OF THE PRODUCTS CONSISTENCY AS WELL AS ITS LOW WATER SOLUBILITY A BIO AVAILABILITY IS UNLIKELY. STUDIES ON PRODUCTS WITH SIMILAR COMPOSITION CONFIRM THIS ASSUMPTION.

#### XIII. DISPOSAL CONSIDERATIONS

**Disposal Method:** WASTE MUST BE DISPOSED OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS. INCINERATION IS THE PREFERRED METHOD. CYRO ENCOURAGES THE RECYCLE, RECOVERY AND REUSE OF MATERIALS, WHERE

PERMITTED, AS AN ALTERNATE TO DISPOSAL AS A WASTE.

#### XIV. TRANSPORT INFORMATION

**Other:** NOT SUBJECT TO THE REGULATIONS ON DANGEROUS GOODS.

#### XV. REGULATORY INFORMATION

**EPA Sara Title III Chemical Listings:** US FEDERAL REGULATORY INFORMATION: NONE  
 COMPONENT CLASSIFICATION UNDER CLEAN AIR ACT SECTION 112: NONE  
 PRODUCT CLASSIFICATION UNDER SECTION 311/312 OF SARA (40CFR370):  
 NONE

**Supplemental State  
 Compliance Information:**

**California:** PROPOSITION 65 CANCER: NO  
 CALIFORNIA PROPOSITION 65 REPRODUCTIVE: NO  
 THIS PRODUCT CONTAIN(S) CHEMICAL(S) KNOWN TO THE STATE OF  
 CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS OR OTHER  
 REPRODUCTIVE HARM.

**Massachusetts:** COMPONENT ACRYLIC POLYMER, CAS# TRADE SECRET  
 RTK: NO

**New Jersey:** COMPONENT ACRYLIC POLYMER, CAS# TRADE SECRET  
 RTK: NO

**Pennsylvania:** COMPONENT: ACRYLIC POLYMER, CAS# TRADE SECRET  
 RTK: NO

**Other:** INVENTORY INFORMATION  
 EINECS (EU): LISTED OR EXEMPTED  
 TSCA (USA): LISTED OR EXEMPTED  
 DSL (CDN): LISTED OR EXEMPTED

CANADIAN REGULATIONS  
 THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD  
 CRITERIA OF THE CONTROLLED PRODUCTS REGULATION AND THE MSDS  
 CONTAINS ALL INFORMATION REQUIRED BY THE CONTROLLED PRODUCTS  
 REGULATIONS.  
 THIS IS A NON-CONTROLLED PRODUCT.  
 WHMIS: NO

#### XVI. OTHER INFORMATION

##### WARRANTY INFORMATION

THIS INFORMATION IS OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCT SPECIFICATION.  
 NO WARRANTY, EXPRESSED OR IMPLIED, IS HEREBY MADE. THE RECOMMENDED INDUSTRIAL HYGIENE AND  
 SAFE HANDLING PROCEDURES ARE BELIEVED TO BE GENERALLY APPLICABLE. HOWEVER, EACH USER SHOULD  
 REVIEW THESE RECOMMENDATIONS IN THE SPECIFIC CONTEXT OF THE INTENDED USE AND DETERMINE  
 WHETHER  
 THEY ARE APPROPRIATE.