



# **MSDS FOR T-5 PLASTIC MEDIA: ACRYLIC**

### SECTION 1 : PRODUCTION IDENTIFICATION AND USE

PRODUCT NAMES :

CHEMICAL FAMILY :

T-5 Acrylic

Thermoplastic Acrylic

MAT'L DESCRIPTION PROPER SHIPPING NAME: Plastic mat'l, free flowing, item OBTS, Class 55

N/A

FORMULA:

USES:

MANUFACTURER/SUPPLIER'S NAME :

### INTERNATIONAL SURFACE TECHNOLOGIES

Industrial cleaning, blasting and coating removal

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### **SECTION 2 : HAZARD IDENTIFICATION**

HAZARDS CLASSIFICATION	Combustible dust		
OTHER HAZARDS	Low toxicity under normal conditions of handling and use		
SIGNAL WORD	Warning		
HAZARDS STATEMENT	May form combustible dust concentrations in air		

# SECTION 2 : COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	% WW
Poly (methyl methacrylate/butyl acrylate)	25852-37-3	98-99
Methyl methacrylate	80-62-6	< 2
N-butyl acrylate	141-32-2	< 1
Resl-stat (anti-static agent)	002764-13-8	< 0.5

# **SECTION 3 : PHYSICAL DATA**

Melting Point	N/A	Vapor Pressure	N/A			
Evaporation Rate	N/A Vapor Density N/A					
Boiling Point	N/A         Specific Gravity (H20=1)         1.47 - 1.52					
Solubility	Soluble in most organic solvents, acetone. Insoluble in water					
Appearance and Odor	Granular, slight odor, color: clear					



# **SECTION 4 : FIRE FIGHTING MEASURES**

SUITABLE EXTINGUISHING MEDIA	Water spray foam dry powder or $C0_2$	
UNSUITABLE EXTINGUISHING MEDIA	Do not use water jet	
SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE	CombustIble but not readIly ignited combustion or thermal decomposion will evolve toxic, irritant and flammable vapors	
SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE FIGHTERS	A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions	

### SECTION 6 : ACCIDENTAL RELEASE MEASURES

CAUTION	Spillages may be slippery	
METHODS FOR CLEAN UP	Sweep up and shovel into waste drums or plastic bags.	
METHODS FOR CONTAINMENT	Wash the spillage area with water	
OTHER ADVICE	See sections 9, 12	

### **SECTION 7 : HANDLING AND STORAGE**

STORAGE	Keep containers in a clean cool and dry area away from heat sources natural ventilation is adequate	
INCOMPATIBLE MATERIALS	Soluble in most organic solvents acetone and chlorinated hydrocarbons	
HANDLING	Avoid contact with eyes avoid prolonged skin contact unlikely to represent a dust hazard under normal handling conditions	
STORAGE TEMP.	< 40° C	
PROCESS HAZARDS	If the product is to be used in applications for which the hazards are not fully understood itis recommended to consult the supplier before use	
INCOMPATIBLE MATERIALS	Soluble in most organic solvents acetone and chlorinated hydrocarbons	

# SECTION 8 : STABILITY AND REACTIVITY

CHEMICAL STABILITY	Stable under normal conditions	
REACTIVITY	Non reactive material	
HAZARDOUS REACTIONS	Not known	
HAZARDOUS DECOMPOSITION PRODUCTS	Methyl methacrylate butyl acrylate, carbon dioxide, traces of acrolein	
MATERIAL TO AVOID	Soluble in most organic solvents acetone and chlorinated hyrocarbons	
CONDITIONS TO AVOID	Keep away from heat	





# SECTION 9 : EXPOSURE CONTROLS PERSONAL PROTECTION

SUBSTANCE	CAS NO.	OSHA PEL TWA	AGGIH TWA	AGGIH STEL	COMPANY STD. TWA	COMPANY STD. STEL
Particulates (to dust respirab dust)		15 mg/m3 5 mg/m3	Not established			
INDIVIDUAL PROTECTION MEASURES		APPROPRIATE ENGINEERING CONTROLS				
SKIN	SKIN Not normally required			Do not eat drink or smoke at the work place provide		
EYEWear eye/face protect on safety spectacles/goggles/full face shield			adequate ventilation including appropriate local extract on to ensure that the occupational exposure limit is not exceeded consideration			
<b>RESPIRATORY</b> A sultable dust mask or dust respirator with filter type p may be appropriate (en 141/en 143) in the unlikely event of format on of particularly high levels of dust a self contained breathing apparatus may be appropriate			should be given to and the potential determine whethe required.	o the work proce extent of exposu	edures involved ire as they may	

# SECTION 10 : TOXICOLOGICAL INFORMATION

INGESTION	Low oral toxicity	
INHALATION	Jnlikely to be hazardous by inhalation	
SKIN CONTACT	Jnlikely to cause skin irritation	
EYE CONTACT	T Dust may cause irritation	

### **SECTION 11 : ECOLOGICAL INFORMATION**

ECOTOXICITY	the product is predicted to have low toxicity to aquatic organisms
BIOACCUMULATIVE POTENTIAL	The product has low potential for bioaccumulation
<b>PERSISTENCE AND</b> <b>DEGRADABILITY</b> The product is non biodegradable in soil. There is no evidence of degradation in and water	
MOBILITY	The product is predicted to have low mobility in soil

#### **SECTION 12 : DISPOSAL CONSIDERATIONS**

No. of the second se	
DISPOSAL OF WASTES	Disposal should be in accordance with local state or national legislation. May be in accordance with local regulation incineration may be used to recover energy value
NON HAZARDOUS	Waste is considered to be non hazardous large quantities of waste may be recoverable

# **SECTION 13 : REGULATORY INFORMATION**

SUPERFUND REPORTABLE DISCHARE		SARA 302	SARA 311/312		SARA 313	CANADIAN REGULATIONS	
Ν	I/A	N/A	N/	Ά	N/A Not classIfled		
REACTIVITY	PRESSURE	CHRONIC	ACUTE	FIRE	US STATE REGULATIONS CALIFORNIA		
None	None	None	None	None	None known		

# **SECTION 14 : TRANSPORT INFORMATION**

DOT	ENVIRONMENTAL HAZARDS	SPECIAL PRECAU FOR USEF	PACKING GROUP
Not classified as dangerous for transport	N/A	N/A	N/A
TRANSPORT IN BULK AC	CLASS	PROPER SHIPPING NAME	
	55	IST	

### **SECTION 15 : OTHER INFORMATION**

TSCA	US toxic substances control act section 8 (b) invento		y LUCITELUX				
DSL	Canadian Domestic Substances List		Registered trade mark of companies within the Lucite International Limited Group of Companies				
EINECS/ ELINCS	European inventory of existing chemical substances/ list of notified chemical substances		uropean	Dean TECHNICAL INFORMATION Contact the number in section 1			
ENCS	Japan existing and new chemical substances	LUCITE INTERNATIONAL					
IECSC	China Inventory of Existing Chemical Substances	Does not recommend this product for use and applications involving long-term contact with body tissues					
KECL	Korean existing and evaluated chemical substances	LTEL Long term exposure limit		-	Short term exposure		
PICCS	Philippines Inventory of Chemical and Chemical Substances						
AICS	Australian Inventory of Chemical Substances						
WHMIS	Worker Hazardous Materials Information System						
TWA	Time Weighted Average						
PEL	Permissible Exposure Levels						
SARA	Superfund Amendents and Reauthorization Act						
OSHA	Occupational Safety and Health Administration						

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