



## MSDS FOR T-5 PLASTIC MEDIA: ACRYLIC

### SECTION 1 : PRODUCTION IDENTIFICATION AND USE

<u>PRODUCT NAMES :</u>	T-5 Acrylic
<u>CHEMICAL FAMILY :</u>	Thermoplastic Acrylic
<u>MAT'L DESCRIPTION PROPER SHIPPING NAME:</u>	Plastic mat'l, free flowing, item OBTS, Class 55
<u>FORMULA:</u>	N/A
<u>USES:</u>	Industrial cleaning, blasting and coating removal
<u>MANUFACTURER/SUPPLIER'S NAME :</u>	

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### SECTION 2 : HAZARD IDENTIFICATION

<b>HAZARDS CLASSIFICATION</b>	Combustible dust
<b>OTHER HAZARDS</b>	Low toxicity under normal conditions of handling and use
<b>SIGNAL WORD</b>	Warning
<b>HAZARDS STATEMENT</b>	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

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



## SECTION 4 : FIRE FIGHTING MEASURES

<b>SUITABLE EXTINGUISHING MEDIA</b>	Water spray foam dry powder or CO <sub>2</sub>
<b>UNSUITABLE EXTINGUISHING MEDIA</b>	Do not use water jet
<b>SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE</b>	Combustible but not readily ignited combustion or thermal decomposition will evolve toxic, irritant and flammable vapors
<b>SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE FIGHTERS</b>	A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions

## SECTION 6 : ACCIDENTAL RELEASE MEASURES

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

## SECTION 7 : HANDLING AND STORAGE

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

## SECTION 8 : STABILITY AND REACTIVITY

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





## SECTION 14 : TRANSPORT INFORMATION

DOT	ENVIRONMENTAL HAZARDS	SPECIAL PRECAUTIONS FOR USER	PACKING GROUP
Not classified as dangerous for transport	N/A	N/A	N/A
TRANSPORT IN BULK ACCORDING TO ANNEX I OF MARPOL 73/78 AND BC CODE		CLASS	PROPER SHIPPING NAME
N/A		55	IST

## SECTION 15 : OTHER INFORMATION

TSCA	US toxic substances control act section 8 (b) inventory	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/European list of notified chemical substances	<b>TECHNICAL INFORMATION</b> 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	<b>LTEL</b>	<b>STEL</b>
		Long term exposure limit	Short term exposure limit
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 Amendments and Reauthorization Act		
OSHA	Occupational Safety and Health Administration		

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