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# **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

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

FORMULA: N/A

<u>USES:</u> Industrial cleaning, blasting and coating removal

MANUFACTURER/SUPPLIER'S NAME:

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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 Pressui		N/A	
Evaporation Rate	N/A Vapor Density N/A			
<b>Boiling Point</b>	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			

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## **SECTION 4: FIRE FIGHTING MEASURES**

SUITABLE EXTINGUISHING MEDIA	Water spray foam dry powder or CO <sub>2</sub>	
UNSUITABLE EXTINGUISHING MEDIA	Do not use water jet	
SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE  CombustIble but not readlly ignited combustion or thermal decomposion 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	

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## **SECTION 9: EXPOSURE CONTROLS PERSONAL PROTECTION**

SUBSTANCE	CAS NO.	OSHA PEL TWA	AGGIH TWA			COMPANY STD. STEL	
Particulates (to dust respirab dust)		15 mg/m3 5 mg/m3	Not established				
INDIVI	INDIVIDUAL PROTECTION MEASURES			APPROPRIATE ENGINEERING CONTROLS			
SKIN	Not normally required			Do not eat drink or smoke at the work place provide			
EYE	Wear eye/face protect on safety spectacles/goggles/full face shleld			adequate ventilation including appropriate local extract on to ensure that the occupational exposure limit is not exceeded consideration			
RESPIRATORY  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 the work procedures involved and the potential extent of exposure as they may determine whether a higher level of protection is required.					

## **SECTION 10: TOXICOLOGICAL INFORMATION**

INGESTION	Low oral toxicity	
INHALATION	Unlikely to be hazardous by inhalation	
SKIN CONTACT	Unlikely to cause skin irritation	
EYE CONTACT	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
PERSISTENCE AND DEGRADABILITY	The product is non biodegradable in soil. There is no evidence of degradation in soil and water
MOBILITY	The product is predicted to have low mobility in soil

## **SECTION 12: DISPOSAL CONSIDERATIONS**

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 3	11/312	SARA 313	CANADIAN REGULATIONS	
N	N/A		N/A		N/A Not classifled		
REACTIVITY	PRESSURE	CHRONIC	ACUTE	FIRE	US STATE REGULATIONS CALIFORNIA		
None	None	None	None	None	None known		

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## **SECTION 14: TRANSPORT INFORMATION**

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

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

TCCA							
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/list of notified chemical substances		ropean	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	Varian avieting and avaluated shaming		LTEL		STEL		
	Korean existing and evaluated chemical substances		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 Amendents and Reauthorization Act						
OSHA	Occupational Safety and Health Administration						

#### **DISCLAIMER**

The information provided in this safety data sheet is correct to the best of our knowledge, information and belief at the date of its publication the information given is designed only as a guidance for safe handling, use, processing, storage, transportation disposal and release and is not to be considered a warranty or quality specification the information relates only to the specific material designated and may not be vaild for such material used n combination with any other materials or in any process, unless specified in the text.

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