

Chan Sieh Enterprises Co., Ltd.

Revision Date : June 04, 2020

SAFETY DATA SHEET

Product Name :	AR-544E	35		
Chemical Name:	Solid Acrylic Polymer Resin			
Suggested usage an	d limitation:	for industrial use, inks, pain	ts and coatings	
Company Information	n: Chan Sie	h Enterprises Co., Ltd.	Emergency: +886-2-2581-65	
	3F, No.90), Nanking E. Rd., Sec.2	Tel: +886-2-2581-6516	
	Taipei, TA	AIWAN 104	Fax: +886-2-2531-7923	
	R. O. C.		Email: chansieh@ms17.hinet.n	
2. HAZARDS IDENT	FICATION			
Hazard classification	n:			
	1:			
Labeling:	1:			
Labeling: Hazard pictograms:	1:			
_abeling: Hazard pictograms: Signal word:		e irritation.		
Labeling: Hazard pictograms: Signal word: Hazard Statements:	May cause ey	e irritation. ul if by inhalation, skin abso	rbing or ingestion.	
Labeling: Hazard pictograms: Signal word: Hazard Statements:	May cause ey May be harmfi	ul if by inhalation, skin abso	rbing or ingestion.	
Labeling: Hazard pictograms: Signal word: Hazard Statements:	May cause ey May be harmfi nents: Handle	ul if by inhalation, skin abso with gloves if necessary.		
Labeling: Hazard pictograms: Signal word: Hazard Statements: Precautionary stater	May cause ey May be harmfi nents: Handle	ul if by inhalation, skin abso		
Labeling: Hazard pictograms: Signal word: Hazard Statements: Precautionary stater Other hazards:	May cause ey May be harmfi nents : Handle Prevei	ul if by inhalation, skin abso with gloves if necessary. nt flow into water of drainer		
Precautionary stater Other hazards: 3. COMPOSITION/IN	May cause ey May be harmfi nents : Handle Prevei	ul if by inhalation, skin abso with gloves if necessary. nt flow into water of drainer		
Labeling: Hazard pictograms: Signal word: Hazard Statements: Precautionary stater Other hazards: 3. COMPOSITION/IN Mixture:	May cause ey May be harmfi nents: Handle Prever FORMATION	ul if by inhalation, skin abso with gloves if necessary. nt flow into water of drainer ON INGREDIENTS	and river.	
Labeling: Hazard pictograms: Signal word: Hazard Statements: Precautionary stater Other hazards: 3. COMPOSITION/IN Mixture: Chemical Characteriz	May cause ey May be harmfi nents: Handle Prever FORMATION	ul if by inhalation, skin abso with gloves if necessary. Int flow into water of drainer ON INGREDIENTS	and river. CAS No. : 25133-97-5	
Labeling: Hazard pictograms: Signal word: Hazard Statements: Precautionary stater Other hazards: 3. COMPOSITION/IN Mixture: Chemical Characteriz	May cause ey May be harmfi nents: Handle Prever FORMATION ation: Sol	ul if by inhalation, skin abso with gloves if necessary. nt flow into water of drainer ON INGREDIENTS	and river. CAS No. : 25133-97-5	

Skin Contact:	Wash with water.
Eye Contact:	Immediately flush with plenty of water for 15 minutes, and obtain medical
	attention if still irritating.
Ingestion	Wash out mouth with water. Obtain medical attention if ill effects occur.
The Most important Sy	mptoms and hazardous effects: May cause skin reddish and dizziness
Personal protection for	the first aid person: Current unknown.
Indication for physicial	n: Symptomatic treatment and supportive therapy as indicated.
5. FIRE-FIGHTING MEA	ASURES
Not classed as flamma	ble. If involved in a fire, it may emit noxious and toxic fumes.
Extinguish media: Foar	n, CO2, dry powder, water spray.
Special hazards may o	ccur during fire-fighting: This material will support combustion, if ignited. Like
	all thermoplastic materials, it will melt under fire
	conditions.
Special fire-fighting pro	ocedure:
Protection for fire fight	er: Protective clothes and gloves
6. ACCIDENTAL RELE	ASE MEASUREMENT
Personal precautions	Spilled particles present a severe slip hazard. Avoid contact with skin and
	eyes. Do not breathe dust.
Environmental precaut	ions : Do not release to the environment.
Methods for cleaning u	p : Sweep up and shovel into waste container.
7. HANDLING AND STO	DRAGE
Handling precautions	Avoid contact with eyes. Do not breathe dust.
Storage conditions	Store in a cool dry place.
8. EXPOSURE CONTR	OLS/PERSONAL PROTECTION
Construction control: (Close room should has ventilation system.
Control factors: TWA	:-
STEL	:-
Ceilin	g : -
LC ₅₀ :	
LD ₅₀ :	
Personal protection eq	uipment
Respirators prote	ction yes, in airborne dusts.
Hands protection	-
Eyes protection	goggles (in dust).
Skin and body pro	remove particles from skin to avoid plasticization by skin oil.
Hygiene practices: Obe	ey the operation rule and prevent unnecessary contact, be careful during

9. PHYSICAL AND CHEMICAL PROPERTIES				
Гуре	MMA copolymer			
Appearance	White transparent; free flowing bead			
Odor	Slight			
Total solids (%w/w)	min. 99 %			
Tg (DSC: °C)	64			
Average mol. Weight (Mw)	50 ,000			
Acid value (mg KOH/g)	6.5			
Viscosity Brookfield (25ºC)	300 – 600 (40% in Toluene)			
Softening point (Ring&Ball)	not available			
Density	1.11			
Solubility in water (% by wt.)	Insoluble. Soluble in ketones, aromatics and esters.			
Vapor pressure (at 20 $^\circ\!\!\mathbb{C}$)	not available			
Flashing point	none			
Explosion Limited U	EL:- LEL:-			
Partition coefficient (n-octa	nol/water, log Kow) : -			
10. STABILITY AND REACTIV				
Stability	Stable			
Possible hazards under speci	al condition None			
Conditions to avoid	None			
Material to avoid	None			
Hazardous decomposition pro	oducts None known			
11. TOXICOLOGICAL INFORM	IATION			
Acute Toxicity:				
Inhalation: Dust may be irr	itate to the upper respiratory tract.			
Skin: Unlikely to cause ski	n irritation			
Eyes: May cause eye irritat				
Ingestion: Unlikely to be ha	zardous if swallowed			
Regional effects: Sensitization:				
Sensilization:				

12. ECOLOGICAL INFORMATION

Ecotoxicity: LC50 -

EC50 -

BCF

Persistence and degradability: -

Bioaccumulative potential: -

Mobility in soil: Most of parts will be mixed with the soil when released into soil.

Other adverse effects: This product is not hazardous waste. Not hazardous to water.

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with local and state regulations. This product is not a hazardous waste.

14. TRANSPORT INFORMATION

UN number:

UN Proper shipping name:

Transport hazard class(es):

Packing group:

Marine pollutant (yes/no): no

Specific transport measures and precautionary conditions:

15. REGULATORY INFORMATION

Not Classified as Hazardous to Users .

16. OTHER INFORMATION

This information is made by our Tainan Plant.

The information contained in this safety data sheet is the result of the most up-to-data available in our company. The information given in this data sheet does not constitute or replace the user's own assessment of workplace risk as required by other health and safety legislation. The user must ensure that the information is suitable and complete in relation to the specific use of the product