Material Safety Data Sheet

Matte Acrylic Gel

Product Code: LI-AC0020
Department: acrylic binders & gesso
C.A.S.: n/d

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Section: 1 Identification

product class:	artists' acrylic mediums
uses:	Binder / modifiers for Artists's acrylic paints

Section: 2 Hazard Identification

hazardous ingredients	%	tlv	cas#	
ammonia	0.2 max	25 ppm TW A (ACGIH)		7664-41-7
individual residual monomers	< 0.1	-	not applicable	

SGH Label Elements

Signal Word

GHS Classification
Not regulated under SGH

Hazard Statements
Not applicable

Precautionary Statements
Not applicable

Section: 3 Composition / Information on Ingredients

Contact with skin	prolonged or repeated exposure may cause skin irritation.
eye contact	direct contact can cause slight irritation.
inhalation	inhalation of vapour or mist can cause irritation of nose, throat and lungs.headache, nasea.
effects of acute exposure	see above
effects of chronic exposure	no chronic health effects are expected from normal use of this product.

Section: 4 First-Aid Measures

inhalation	In case of inhalation, remove to person to fresh air and flush affected parts with large amounts of running water for at least 15 minutes. hold eyelids apart to ensure rinsing of the entire surface of the eye and/or the nose with water. If irritation persists, get medical attention.
Ingestion	In the case of ingestion, have the victim drink a minimum of two glasses of water and quickly consult a physician. Never give anything by mouth if the victim is unconscious.

Section: 5 Fire-Fighting Measures

Flammability	Flammable
Extinguishing media	any media that is suitable for surrounding fire
rate of burning	Not available
sensitivity to static	Not available
sensitivity to impact	Not available
hazardous combustion products	may yield acrylic monomers
Other remarks:	Unusual fire and explosion material can splatter if this material is heated above 100℃ This product can also burn once it has dried.

Section: 6 Accidental Release Measures

leak spill Wear	protective equipment and evacuate all non-essential personnel as the floors may become slippery. Use care to avoid falling and work to contain spills immediately with inert materials (e.g. sand, earth) transfer liquids and solid material in order to separate suitable containers for recovery or disposal. Be careful to prevent runoff into drains, sewers, and other waterways.

Section: 7 Handling And Storage

handling procedures and equipment	Keep from freezing. This material can release monomer vapors or gases when heated to high temperatures during processing, cutting or machining, always maintain adequate ventilation in rooms where this product is used and handle in accordance with good industrial hygiene and safety practices.
storage needs	keep from freezing. material may coagulate and become unusable at temperatures below 49°

Section: 8 Exposure Control/Personal Protection

gloves	Impervious gloves (neoprene)
respiratory	Not required under normal operating conditions, for airborne concentrations up to 10 times the TLV, wear an msha/nosh approved (or equivalent) half mask. Air purifying respirators should be equipped with organic vapor cartridges and dust and mist filters.
Eye	Splash proof chemical goggles.
Footwear	No special requirements.
Clothing	Wear adequate protective clothes.
other	Eye bath and safety shower.
ventilation	Use local exhaust ventilation with a minimum capture velocity of 100 ft/minute (0.5m/sec) at the point of vapor evolution.

Section: 9 Physical and Chemical Properties

physical state	liquid
odour	ammoniacal
odour threshold	Not available
vapour pressure (mmhg)	17
Vapor Density (Air = 1)	<1
evaporation rate	<1
boiling point	100° C
PH	8.0-9.0
specific gravity (water=1)	1.0-1.2
solubility in water(%w/w)	Water dilutable

Section: 10 Stability And Reactivity

Comments on the composition	This product is stable under normal conditions. However this polymer will decomposes above 177 ℃.
reactivity conditions	Excessive heat (see above).
hazardous products decomposition	Acrylic monomers.
hazardous polymerization	will not occur.

Section: 11 Toxicological Information

exposure limit of material	See hazard identification (section 2)
lc50 of material, species, route	Not available
ld50 of material,species, route	Closely related product : >5000mg/kg (oral rat)
carcinogenicity of material	None
reproductive effects	Not available
irritancy of material	Eye irritation: inconsequential skin irritation: practically non-irritating (eyes,skin-rabbit)
sensitizing capability	None known

Section: 12 Ecological Information

Section: 13 Disposal Considerations

Waste disposal	Coagulate the emultion by the stepise addition of ferric chloride and lime. remove the clear supernatant and flush to a chemical sewer. incinerate in a furnace in respect to provincial, federal and municipal regulations.

Section: 14 Transport Information

tdg classification	not regulated
special shipping instructions	None

Section: 15 Regulatory Information

whmis classification	this is not a controlled product.
SGH classification	this is not a controlled product.

Section: 16 Other Information

reference	manufacturer's material safety data sheet
prepared by	Kama pigments

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