

SAFETY DATA SHEET (SDS)

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Neopaque - Pg 1

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SECTION 1 - CHEMICAL, PRODUCT & COMPANY INFORMATION

Product Name:	NEOPAQUE	
Product Number/Code:	450-592 (ALL COLORS)	
Recommended Use:	Opaque paint for fabric and other soft surfaces.	
Restrictions on use:	None known	
Emergency Number:	ChemTel, Inc. - Contract #MIS9128344	
	North America: 1-800-255-3924	International: 1-813-248-0585

SECTION 2 - HAZARD(S) IDENTIFICATION

This product is not considered to be or contain hazardous chemicals based on evaluations made by our company under the OSHA Hazard Communication Standard, reference 29 CFR 1910.1200.

Toxicological Data on Ingredients:

Hazard Classification	Not hazardous
Physical Hazards:	Not classified
Health Hazards:	Not classified
Environmental Hazards:	Not classified

Label Elements

Pictogram:	None
Signal Words:	None
Hazard Statements-EU:	The mixture does not meet the criteria for classification.

Precautionary Statements-EU:

Prevention:	Observe good industrial hygiene practices.
Response:	P264 Wash hands thoroughly after handling.
Storage:	P402 + P235 Store in a dry place. Keep cool.
Disposal:	P501 Dispose of waste and residues in accordance with local authority requirements.
Hazard(s) not otherwise classified:	None known

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Composition	% by Weight	CAS #
Ammonium hydroxide	< / = .5%	1336-21-6
Diethylaminoethanol	< .1%	100-37-8
Acrylic polymer(s)	> / = 22%	N/A
Residual monomers	< / = .02%	N/A
Urethane resins	> / = 29%	N/A
Diethylene Glycol	< / = .021%	N/A
Propylene glycol	< 1%	N/A
Monobutyl ether	.01%	N/A
2-Butoxy ethanol	< .01%	N/A
Titanium Dioxide	> / = .5%	N/A

SECTION 4 - FIRST AID MEASURES

Description of first aid measures:	
Eye contact:	Wash immediately with large amounts of water for 15 minutes. Get medical attention if necessary. Do not wear contact lenses while handling.
Ingestion:	Dilute with water and get medical attention immediately.
Inhalation:	Move to fresh air.
Aside from the information found under description of first aid measures and indication of immediate medical attention and special treatment needed any additional important information and effects are described in Section 11.	

SECTION 5 - FIREFIGHTING MEASURES

Flammability of the product:	Not flammable
Auto-ignition temperature:	Unknown
Flash points:	Not combustible
Flammable Limits:	
Products of combustion:	N/A
Fire hazards in presence of various substances:	N/A
Special hazards (arising from the substance or mixture hazardous combustion products):	No data available
Unusual fire/explosion hazards:	Material in liquid form can splatter above 100 °C or 212 degrees °F. Dried product can burn.
Suitable extinguishing media:	Use extinguishing media appropriate for surrounding fire.
Unsuitable extinguishing media:	No data available
Advice for firefighters	
Firefighting procedures:	No data available
Special protective equipment for firefighters:	Wear a self contained breathing apparatus and protective suit.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:	Use personal protective equipment. Keep people away from the spill or leak. Material may cause slippery conditions.
Methods and material for containment and clean up:	Contain the spill immediately with inert material such as kitty litter, sand or earth. Transfer the spilled paint and solid material to separate suitable containers for recovery or responsible disposal.
Environmental procedures:	Caution keep spills and cleaning runoff out of municipal sewers and open bodies of water.

SECTION 7 - HANDLING AND STORAGE

Precautions for safe handling:	Avoid contact with eyes skin and clothing. Wash their release after handling. Keep jars and containers tightly closed when not in use.
Conditions for safe storage including any incompatibilities:	Do not freeze. Product stability will be affected. Stir or shake well before use.
Storage stability/storage temperature:	1-49 °C / 434-120 °F. Do not freeze. Formaldehyde may be generated under acidic conditions. Maintain adequate ventilation under these conditions to prevent exposure to formaldehyde above the recommended ceiling of 0.3 ppm. Acidic conditions will also affect stability of product. Avoid acidic conditions for material.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Individual protection measures, such as personal protective equipment:	
Eye/face protection:	Safety glasses with side shields.
Skin and hand protection:	Gloves
Protective measures:	Facilities storing or utilizing this material and large volume should be equipped with an eyewash station.



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SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

General information:	
Physical state and appearance:	Colored liquid. Low-medium viscosity liquid.
Color:	See label color of product
Type of Odor:	Slight acrylic odor
Odor threshold:	N/A
Important health, safety and environmental information:	
Taste:	N/A
Molecular weight:	N/A
pH (1% soln/water):	9.5
Specific gravity:	1.2
Relative density (water=1):	+/- 1.2
Freezing point:	0 °C / 32 °F
Boiling points:	100 °C / 212 °F
Melting point:	No data available
Flash point:	Non-combustible
Evaporation rate (butyl acetate=1):	<1
Flammability (solid, gas)	N/A
Lower explosion limit:	N/A
Upper explosion limit:	N/A
Critical temperature:	22.665 @ 20C water
Vapor pressure:	N/A
Vapor density:	N/A
Volatility:	< 30%
Water/oil dist. coeff.	N/A
Ionicity (in water):	Anionic
Dispersion properties:	Suspension
Solubility in water:	Dilutable
Auto-ignition temp:	N/A
Decomposition temp:	N/A
Viscosity:	4000-46000 cps
Kinetic viscosity:	N/A
Explosive properties:	N/A
Oxidizing properties:	N/A
Molecular weight:	N/A

SECTION 10 - STABILITY AND REACTIVITY

Reactivity:	No data available
Chemical stability:	Stable
Possibility of hazardous reactions:	None known - product may undergo polymerization
Conditions to avoid:	Extreme cold or heat
Incompatible materials:	Strong acids
Hazardous decomposition products:	Thermal decomposition may yield acrylic monomers

SECTION 11 - TOXICOLOGICAL INFORMATION

Skin corrosion/irritation:	Skin irritation may occur
Serious eye damage/irritation:	No eye irritation
Sensitization:	No data available
Specific target organ systemic toxicity:	No data available
Carcinogenicity:	No data available
Reproductive toxicity:	No data available
Mutagenicity:	No data available
Aspiration hazard:	No data available
Components influencing toxicology:	Residual Monomers
Acrylic polymers:	Acute inhalation toxicity: The LC50 has not been determined at this time.
Residual monomers:	No information at this time.
Acute inhalation toxicity:	The LC50 has not been determined at this time.

SECTION 12 - ECOLOGICAL INFORMATION

General information:	No information available at this time.
Acrylic polymers:	Acute toxicity to fish: no relevant data found.
Residual monomers:	Acute toxicity to fish: no relevant data found.
Persistence and degradability:	N/A
Acrylic polymers:	Biodegradability: no relevant data found.
Residual monomers:	N/A
Biodegradability:	No relevant data found.
Bioaccumulation potential:	N/A
Acrylic polymers:	N/A
Bioaccumulation:	No relevant data found.
Residual monomers:	N/A
Bioaccumulation:	No relevant data found.
Mobility in soil:	No relevant data found.

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste treatment methods:	
Waste Disposal:	Dispose in accordance with local regulation.

SECTION 14 - TRANSPORT INFORMATION

Not Regulated/Not dangerous according to the above specifications.
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SECTION 15 - REGULATORY INFORMATION

OSHA Hazard Communication Standard	This product is considered non-hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200).
Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Sections 311 and 312	This product is not a hazardous chemical under 29 CFR 1910.1200, and therefore is not covered by Title III of SARA.
Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Section 313	This product does not contain any chemicals which are listed in Section 313 at or above de minimis concentrations.
Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) Section 103	Releases of this material to air, land, or water are not reportable to the National Response Center under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) or to state and local emergency planning committees under the Superfund Amendments and Reauthorization Act (SARA) Title III Section 304.
Pennsylvania	Any material listed as "Not Hazardous" in the CAS REG NO. column of SECTION 2, Composition/Information On Ingredients, of this SDS is a trade secret under the provisions of the Pennsylvania Worker and Community Right-to-Know Act.
United States TSCA Inventory (TSCA)	All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.
California Prop 65	This product does NOT contain any chemicals known to the state of California to cause cancer.

SECTION 16 - OTHER INFORMATION

Disclaimer:

The information contained in this SDS is based on data from sources considered to be reliable but Rupert, Gibbon & Spider, Inc. does not guarantee the accuracy or completeness thereof. Rupert, Gibbon & Spider, Inc. urges each customer or recipient of this SDS to study it carefully to become aware of and understand the hazards associated with this product. The reader should consider consulting reference works or individuals who are experts in ventilation, toxicology or fire and understand the data in this SDS.

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National Chemical Inventories:	
All components of this product are listed on the following chemical substance inventories: TSCA (USA)	
DSL	(Canada)
EINECS	(Europe)
ENCS	(Japan) ECL
	(Korea)
AICS	(Australia) NZIoC
	(New Zealand)
PICCS	(Philippines)
IECSC	(China)

Abbreviations:	
ACGIH	American Conference of Governmental Industrial Hygienists
ADR	International carriage of Dangerous goods by Road
AICS	Australian Inventory of Chemical Substances
ATE	Acute Toxicity Estimate
BfR	Bundesinstitut für Risikobewertung recommendations for food contact materials
BCF	Bioconcentration Factor
BOD5	5-day Biochemical Oxygen Demand
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CLP	Classification, Labeling and Packaging regulation
COD	Chemical Oxygen Demand DOT Department of Transportation DSL Domestic Substances List
EINECS	European Inventory of Existing Chemical Substances
ECL	Existing Chemicals List (Korea)
ENCS	Existing and New Chemical Substances Inventory (Japan)
EN 689	Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy.
ERG	Emergency Response Guide
GHS	Globally Harmonized System
HMIS	Hazardous Materials Information System IARC International Agency for Research on Cancer IATA International Air Transport Association
ICAO	International Civil Aviation Organization IDLH Immediately Dangerous to Life and Health IMDG International Maritime Dangerous Goods
LD50	Lethal Dose to 50% of test animal population
MAK	Maximale Arbeitsplatz Konzentration
NTP	National Toxicology Program
OEL	Occupational Exposure Limit
OSHA	Occupational Safety & Health Administration
PBT	Persistent, Bioaccumulative and Toxic vPvB Very Persistent and Very Bioaccumulative PEL Permissible exposure limit
PICCS	Philippine Inventory of Commercial Chemical Substances
PNEC	Predicted No Effect Concentration
REACH	Registration, Evaluation and Authorization of Chemical Substances
RID	International carriage of dangerous goods by Rail SARA Superfund Amendments and Reauthorization Act STEL Short Term Exposure Limit
SVHC	Substance of Very High Concern
TLV	Threshold Limit Value
TSCA	Toxic Substances Control Act
TWA	Time Weighted Average
VOC	Volatile Organic Compound
WGK	Wassergefährdungsklasse (Water Hazard Class) WHMIS Workplace Hazardous Material Identification System