


1 - Identification

Product identifier	SoluJET® 2750W
Other means of identification	Not available
Synonym(s)	2750 White solvent ink
Recommended use	Inkjet Printing
Recommended restrictions	None Known
Issue date	12-October-2016
Company identification	MYLAN GROUP Long Duc Industrial Park Tra Vinh City, Tra Vinh Province, Vietnam Tel. +84-294-3846-997 Fax +84-294-3846-998

2 - Hazard(s) identification

Physical hazards	Flammable liquids	Category 2
Health hazards	Skin irritation (Category 2), H315 Eye irritation (Category 2), H319 Skin sensitization (Category 1), H317	
Label elements		
Signal word	Danger	
Hazard statement	H225- Highly flammable liquid and vapor. H315- Causes skin irritation. H317- May cause an allergic skin reaction. H319- Causes serious eye irritation. H413 May cause long lasting harmful effects to aquatic life.	
Precautionary statement		
Prevention	P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking. P233 - Keep container tightly closed. P240 - Ground/Bond container and receiving equipment. P241 - Use explosion-proof electrical/ventilating/lighting/equipment. P242 - Use only non-sparking tools.	

	<p>P243 - Take precautionary measures against static discharge.</p> <p>P280 - Wear protective gloves/protective clothing/eye protection/face protection.</p> <p>P370+P378- In case of fire: for small fires, use dry chemical, carbon dioxide, water spray or alcohol-resistant foam to extinguish. For large fires, use water spray, fog, or alcohol-resistant foam to extinguish. Use water spray to cool fire-exposed containers. Water may be ineffective. Do NOT use straight streams of water.</p>	
Response	<p>P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.</p> <p>P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p>	
Storage	P403 + P235 - Store in a well-ventilated place. Keep cool.	
Disposal	P501- Dispose of contents/container in accordance with local/regional/national/international regulations.	
Environmental hazards	May cause long lasting harmful effects to aquatic life.	
3 - Composition/information on ingredients		
Mixtures		
Hazardous components	CAS Number	%
Chemical name		
Ethanol	64-17-5	<40
1,6-Hexanediol diacrylate	13048-33-4	>20
Acrylic resin	Proprietary	>5
Bis (2,4,6-trimethylbenzoyl)-phenylphosphineoxide	162881-26-7	<7
Colorants	Proprietary	<6
Additives	Proprietary	<2
4. First-aid measures		
Inhalation	<p>Move person to fresh air immediately.</p> <p>If symptoms persist, get immediate medical attention.</p>	
Skin contact	<p>In case of contact, immediately remove contaminated clothing and flush skin with copious amounts of water. Wash clothing separately before reuse.</p> <p>Get medical attention, if needed.</p>	
Eye contact	<p>In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.</p> <p>Get medical attention immediately.</p>	

Ingestion	Rinse mouth out with water. If the material is swallowed, get immediate medical attention or advice -- Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately.
Most important symptoms/ effects, acute and delayed	See section 8.
5. Fire-fighting measures	
FLASH POINT:	20°C (closed-cup)
Suitable extinguishing media	Suitable extinguishing media: sand, carbon dioxide (CO ₂) or dry chemical.
Unsuitable extinguishing media	Not available.
Specific hazards arising from the chemical	Not applicable.
Special protective equipment and precautions for firefighters	Firefighters should wear full protective clothing including self-contained breathing apparatus. Avoid run off into storm sewers and ditches which lead to waterways.
Fire-fighting equipment/instructions	Move containers from fire area if you can do it without risk.
6. Accidental release measures	
Personal precautions, protective equipment and emergency procedures	Avoid contact with skin. Avoid inhalation of vapors or mists. Do not touch or walk through spilled material. Ensure adequate ventilation. Remove all sources of ignition. Use personal protective equipment to minimize exposure to skin and eye. In the case of vapor formation use a respirator with an approved filter.
Environmental precautions	Do not flush into surface water or sanitary sewer system.
Methods and materials for containment and cleaning up	Not available.
7. Handling and storage	
Precautions for safe handling	Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mists of this product. Use with adequate ventilation. Wear personal protective equipment.
Conditions for safe storage, including any incompatibilities	Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks and flame.

8. Exposure controls/personal protection

Occupational exposure limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR1910.1000)

Components	Type	Value
Ethanol (CAS 64-17-5)	PEL	1900 mg/m ³ 1000 ppm

US. ACGIH Threshold Limit Values

Components	Type	Value
Ethanol (CAS 64-17-5)	STEL	1000 ppm

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
Ethanol (CAS 64-17-5)	TWA	1900 mg/m ³ 1000 ppm

Biological limit values No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls Not available.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses; chemical goggles (if splashing is possible). Eye wash fountain and emergency showers are recommended.

Skin protection

Hand protection Not available.

Other Wear appropriate chemical resistant clothing.
Wear appropriate chemical resistant gloves.

Respiratory protection Provide adequate ventilation. In case of insufficient ventilation wear suitable respiratory equipment.

Thermal hazards Not available.

General hygiene considerations Do not get this material in contact with skin. Avoid contact with skin, eyes and clothing.
When using, do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product.
Launder contaminated clothing before reuse.

9. Physical and chemical properties

Appearance	White liquid
Odor	Not available
Odor threshold	Not available
pH	Not available
Melting point/freezing point;	Not available
Initial boiling point and boiling range	>70°C
Flash point	20°C (closed-cup)
Evaporation rate	Not available
Flammability (solid, gas)	Not applicable
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	Not available
Flammability limit - upper (%)	Not available
Explosive limit - lower (%)	Not available
Explosive limit - upper (%)	Not available
Vapor pressure	Not available
Vapor density	Not available
Relative density	Not available
Solubility(ies)	Soluble in Ethanol
Partition coefficient: n- octanol/water	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available

Viscosity	Not available		
10. Stability and reactivity			
Reactivity	Not available.		
Chemical stability	Stable at normal conditions. Keep away from direct sunlight		
Possibility of hazardous reactions	None known.		
Conditions to avoid	Heat, flames and sparks.		
Incompatible materials	Not available.		
Hazardous decomposition products	Not available.		
11. Toxicological information			
Symptoms related to the physical, chemical and toxicological characteristics	Not available.		
Information on toxicological effects			
Acute toxicity value			
Components	Species	Test results	
Ethanol (CAS 64-17-5)			
Acute			
Inhalation			
LC50	Mouse Rat	39 mg/l, 4 Hours 20000 mg/l, 10 Hours	
Oral			
LD50	Dog Guinea pig Mouse Rat	5.5 g/kg 5.6 g/kg Mouse 3450 mg/kg Rat 7060 mg/kg 6.2 g/kg	
1,6-Hexanediol diacrylate (CAS 13048-33-4)			
Inhalation			
LC50	Rat-Male and female	0,41 mg/l, 7 Hours	
Oral			
LD50	Rat	5000 mg/kg	

Dermal			
LD50	Rabbit		3650 mg/kg
Skin corrosion/irritation			
Skin	Rabbit		Irritating to skin. - 4 h
Skin corrosion/irritation		Skin Contact: May cause skin irritation. Skin Absorption: May be harmful if absorbed through the skin.	
Serious eye damage/eye irritation		Eye Contact: May cause eye irritation. Inhalation: May be harmful if inhaled. Material may be irritating to mucous membranes and upper respiratory tract. Ingestion: May be harmful if swallowed.	
Respiratory sensitization		Based on available data, the classification criteria are not met.	
Skin sensitization		Based on available data, the classification criteria are not met.	
Germ cell mutagenicity		Based on available data, the classification criteria are not met.	
Carcinogenicity		Based on available data, the classification criteria are not met.	
Specific target organ toxicity - single exposure		Based on available data, the classification criteria are not met.	
Specific target organ toxicity - repeated exposure		Based on available data, the classification criteria are not met.	
Aspiration hazard		Based on available data, the classification criteria are not met.	
12. Ecological information			
Aquatic toxicity			
Ecotoxicity			
Components	Species		Test Results
Ethanol (CAS 64-17-5)			
Aquatic			
Crustacea	EC ₅₀	Water flea (Daphnia magna)	7.7 - 11.2 mg/l, 48 hours
Fish	LC ₅₀	Fathead minnow (Pimephales promelas)	> 100 mg/l, 96 hours
1,6-Hexanediol diacrylate (CAS 13048-33-4)			
Fish	LC ₅₀	Fish	10mg/l ,96hr
Crustacea	LC ₅₀	Daphnia magna	2,6mg/l, 48hr

Algæ	EC ₅₀	Green algae	1,5mg/l, 72hr
Bacteria	EC ₅₀	Bacteria	270 mg/l, 30min
Persistence and degradability	Not available.		
Bioaccumulative potential	Not available.		
Partition coefficient n-octanol / water (log Kow)	Not available.		
Ethanol (CAS 64-17-5)	-0.31		
Mobility in soil	Not available.		
Other adverse effects	Not available.		
13. Disposal considerations			
Disposal instructions	Do not dispose of together with general office waste. Do not allow this material to drain into sewers/water supplies. Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations. Ensure collection and disposal with an appropriately licensed waste contractor.		
Local disposal regulations	Not available.		
Hazardous waste code	Not regulated.		
Waste from residues / unused products	Not available.		
Contaminated packaging	Not available.		
14. Transport information			
DOT			
UN number	UN1210		
UN proper shipping name	Printing ink, flammable (Ethanol)		
Transport hazard class(es)	3		
Subsidiary class(es)	Not available.		
Packing group	II		
Special precautions for user	Passenger aircraft Quantity limitation: 5 L Cargo aircraft Quantity limitation: 60 L		

	Special provisions 24, IB2, T4, TP1
Labels required	Not available.
IATA	
UN number	UN1210
UN proper shipping name	Printing ink, flammable (Ethanol)
Transport hazard class(es)	3
Subsidiary class(es)	-
Packaging group	II
Environmental hazards	No
Labels required	Not available.
ERG Code	Not available.
Special precautions for user	Passenger and Cargo Aircraft Quantity limitation: 5 L Cargo Aircraft Only Quantity limitation: 60 L Limited Quantities - Passenger Aircraft Quantity limitation: 1 L
IMDG	
UN number	UN1210
UN proper shipping name	Printing ink, flammable (Ethanol)
Transport hazard class(es)	3
Subsidiary class(es)	-
Packaging group	II
Environmental hazards	No
Marine pollutant	No
Labels required	Not available.
EmS	Not available.
Special precautions for user	Not available.

Section 15 - Regulatory Information

US federal regulations US EPA TSCA Inventory: All chemical substances in this product comply with all rules or orders under TSCA.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D) Not regulated.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) Not on regulatory list.

CERCLA Hazardous Substance List (40 CFR 302.4) Not on regulatory list.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard - No
Delayed Hazard - Yes
Fire Hazard - Yes
Pressure Hazard - No
Reactivity Hazard - No
SARA 302 Extremely hazardous substance-No
SARA 311/312
Hazardous chemical-No

US state regulations

US. Massachusetts RTK - Substance List Ethanol (CAS 64-17-5)

US. New Jersey Worker and Community Right-to-Know Act Not on regulatory list.

US. Pennsylvania RTK - Hazardous Substances Ethanol (CAS 64-17-5)

US. Rhode Island RTK Ethanol (CAS 64-17-5)

US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance Not on regulatory list.

Section 16 - Other Information

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