

Issue Date: 2011/03/25
 Document Number: 01-426-285
 Material/Trade Name: J4105

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Identification of the product : Viscous liquid.
Trade name : J4105 (5-15-45)
Use : Industrial.
Company : ELITE(HK)CO.,LTD
Address : Unit 04 7/F,Bright Way Tower,No.33 Mong Kok Road, Kowloon, Hong Kong
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2 HAZARDS IDENTIFICATION

Risk Phrases : The product may be a skin sensitiser. It may also be a skin irritant and repeated contact may increase this effect.
 Harmful if swallowed.
Hazards identification : Flammable.
Primary route of exposure : Skin and eyes contact.
Symptoms relating to use - Ingestion : Must not come into contact with food or be consumed.
Symbol(s)



: Xi : Irritant
 F : Highly flammable

3 COMPOSITION/INFORMATION ON INGREDIENTS

Components : This product is hazardous.

Substance name	Contents	CAS No	EC No	Annex No	Ref REACH	Classification
Reaction product: bisphenol-A- (epichlorhydrin) epoxy resin (number average molecular weight <= 700)	< 5	25068-38-6	500-033-5	603-074-00-8	-----	Xi; R36/38 R43 N; R51-53 ----- Eye irrit 2 (H319) Skin Irrit. 2 (H315) Skin Sens. 1 (H317) Aquatic Chronic 2 (H411)
Mélange de monomères méthacrylates (propriétaire)	Between 50 and 75 %	-----	-----	-----	-----	F; R11 Xi; R37/38 R43 -----
Methacrylic acid	< 5 %	79-41-4	201-204-4	607-088-00-5	-----	Xn; R21/22 C; R35 ----- Skin Corr. 1A+ (H314) Acute Tox. 4 (H312) Acute Tox. 4 (H302)
N,N-dimethyl-p-toluidine	< 1	99-97-8	202-805-4	612-056-00-9	-----	T; R23/24/25 R33 R52-53 ----- Acute Tox. 3 (H311) Acute Tox. 3 (H331) Acute Tox. 3 (H301) Aquatic Chronic 3 (H412)
acide propène-2oïque, méthyl-2, ester d'hydroxy-2éthyl, phosphate.	< 5	52628-03-2	258-053-2	-----	-----	C; R34 -----

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4 FIRST AID MEASURES

First aid measures

- **General information** : Take off immediately all contaminated clothing.
- **Inhalation** : Remove victim to fresh air. Assure fresh air breathing. If breathing is difficult, give oxygen. Obtain medical attention.
- **Skin contact** : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
- **Eye contact** : Rinse immediately with plenty of water. Ensure adequate flushing of eyes by separating eyelids with the fingers. Obtain medical attention if pain, blinking, tears or redness persist.
- **Ingestion** : Rinse mouth. Do not induce vomiting. Seek medical attention if ill effect develops.

5 FIRE-FIGHTING MEASURES

- Flammable class** : This product is flammable.
- Specific hazards** : May form flammable vapour-air mixture.
- Hazardous combustion products** : Toxic gases. (COx)
- Prevention** : Keep away from sources of ignition. No smoking.
- Extinguishing media** : Dry powder. Water. Carbon dioxide (CO₂). Foam.
- Surrounding fires** : Use water spray or fog for cooling exposed containers.
- Protection against fire** : Do not enter fire area without proper protective equipment, including respiratory protection.
- Special procedures** : Exercise caution when fighting any chemical fire.

6 ACCIDENTAL RELEASE MEASURES

- Personal precautions** : Do not get in eyes, on skin, or on clothing. In case of insufficient ventilation, wear suitable respiratory equipment. Keep public away from danger area. Equip cleanup crew with proper protection. No smoking.
- Environmental precautions** : Spread coarse, inert granular cover such as sand, on any affected walking surface. Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.
- Clean up methods** : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Clean up any spills as soon as possible, using an absorbent material to collect it. Use suitable disposal containers. Incinerate.

7 HANDLING AND STORAGE

- General** : Keep away from sources of ignition. No smoking.
- Precautions in handling and storage** : Good ventilation of the workplace required.
- Technical protective measures** : Use grounded electrical/mechanical equipment.
- Storage** : Keep container tightly closed and at a temperature not exceeding . 30°C. Keep away from combustible material. Keep only in the original container in a cool, well ventilated place. Keep in fireproof place. Store in tightly closed, properly ventilated containers away from heat, sparks, open flame.
- Handling** : Ensure prompt removal from eyes. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

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8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal protection



- Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment.
- Hand protection : Gloves.
- Skin protection : Wear impervious rubber safety shoes.
Wear suitable protective clothing.
- Eye protection : Chemical goggles or safety glasses.
- Ingestion : When using, do not eat, drink or smoke.
- Industrial hygiene : Provide good ventilation in process area to prevent formation of vapour.
- Occupational Exposure Limits : N,N-dimethyl-p-toluidine : TLV[©] -TWA [ppm] : 2 (Toluidine)
N,N-dimethyl-p-toluidine : TLV[©] -TWA [ppm] : 2 (Toluidine)

9 PHYSICAL AND CHEMICAL PROPERTIES

- Physical state at 20 °C : Viscous liquid.
- Colour : Yellow-brown.
- Odour : Characteristic.
- Density : 1,0-1,1
- Viscosity at 25°C [mPa.s] : 10 000 - 15 000

10 STABILITY AND REACTIVITY

- Hazardous decomposition products : According to process conditions, hazardous decomposition products may be generated.
- Materials to avoid : Peroxides.
Strong oxidizers.
Strong acids.
Strong bases.
- Conditions to avoid : Protect from sunlight.
Keep away from ignition sources such as heat, sparks and open flame. – No smoking.
Keep container tightly closed and at a temperature not exceeding . 30°C Sparks.
Overheating.

11 TOXICOLOGICAL INFORMATION

- Toxicity information : No data available.

12 ECOLOGICAL INFORMATION

- Ecological effects information : No data available.

13 DISPOSAL CONSIDERATIONS

- General : Dispose of this material and its container at hazardous or special waste collection point. Dispose in a safe manner in accordance with local/national regulations.
- Disposal method : Dispose of contents and/or container in accordance with local, regional, national and/or international regulation.
Incineration is recommended

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14 TRANSPORT INFORMATION

General information

UN No. : 1133

Labelling ADR



: 3

Land transport

ADR/RID : Class : 3
Group : II
Special provision : 640D

H.I. nr : 33

Proper shipping name : UN1133 ADHÉSIFS, 3, II, (D/E)

- ADR Class : 3

- ADR Packing group : II

D

Sea transport

- IMO-IMDG code : Class : 3

- IMO Packing group : II

- IMDG-Marine pollution : YES

- Emergency Schedule (EmS) - Fire : F-E S-D

Air transport

- ICAO/IATA : Packaging instructions cargo : 307
Packaging instructions passenger: 305

- Proper shipping name : ADHESIVES

• Class : 3

- IATA Packing group : II

15 REGULATORY INFORMATION

R Phrase(s) : R11 : Highly flammable.
R36/37/38 : Irritating to eyes, respiratory system and skin.
R43 : May cause sensitization by skin contact.

S Phrase(s) : S37 : Wear suitable gloves.
S43 : In case of fire, use .

16 OTHER INFORMATION

Text of R-Phrases in § 3 : R11 : Highly flammable.
R21/22 : Harmful in contact with skin and if swallowed.
R23/24/25 : Toxic by inhalation, in contact with skin and if swallowed.
R33 : Danger of cumulative effects.
R34 : Causes burns.
R35 : Causes severe burns.
R36/38 : Irritating to eyes and skin.
R37/38 : Irritating to respiratory system and skin.
R43 : May cause sensitization by skin contact.

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16 OTHER INFORMATION (continued)

R51/53 : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R52/53 : Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Further information

: FOR INDUSTRIAL USE

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