



Material Safety Data Sheet

Issue Date: 2010/01/28
Document Number: 01-316-290
Material/Trade Name: T3412A

1 - Substance Identification

Material/Trade Name : T3412A
Material type : UV-curable acrylic adhesive
Company : ELITE(HK)CO.,LTD
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2 – Composition

Substance	% Wt.	CAS No.
Methylacrylic acid resin	<30	125372-34-1
Acrylate	<65	97-90-5
Coupling agent	<5	2530-85-0
photoinitiator	<5	71868-10-5

3 - Hazard Identification

IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN.
MAY CAUSE SENSITISATION BY SKIN CONTACT.

Avoid contact with skin and eyes

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

After contact with skin, wash immediately with plenty of water

Wear suitable protective clothing and gloves.

4 - First-aid Measures

Inhalation: Remove to fresh air and rest
If recovery is not rapid call for prompt medical attention
Show this data sheet to medical personnel

Eyes: Irrigate with water for at least 15 minutes
Take care not to wash chemical from one eye to another
Get prompt medical attention

Skin: Remove contaminated clothing
Wash with soap/cleanser and rinse with plenty of water
If irritation persists, obtain medical attention

Ingestion: Do not induce vomiting
Rinse mouth. Give plenty of water to drink
Beware of aspiration if vomiting occurs
Seek medical attention immediately



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5 - Fire-fighting Measures

- Suitable Extinguishers:** Alcohol resistant foam
Dry powder
Carbon dioxide
Water spray/fog
- Unsuitable Extinguishers:** Direct water jets
- Hazardous Decomposition:** Toxic fumes are produced in fire – CO, CO2 possibly evolved.
- Special Procedures:** Do not breathe decomposition products and fumes
Use approved self-contained breathing apparatus
Wear fire retardant clothing
Wear eye protection
Use water spray to cool containers
Prevent runoff from fire control from entering waterways
Large fires should only be dealt with by trained personnel

6 - Accidental Release Measures

- Exposure Controls:** Ventilate area
Do not allow spill to enter drains and watercourses
Use barriers to prevent unauthorised entry into contaminated areas
- Personal Protection:** Wear suitable respiratory protection for large spillages and in confined spaces, e.g EN405 FFA2 or EN140 A2.
Wear rubber gloves (not PVC gloves, which can absorb acrylates)
Use eye protection such as goggles to BS EN 166 Chemical Grade
- Disposal Considerations:** Absorb in inert material such as sand or absorbent granules
Scoop up and place in plastic container to await transfer
Dispose in accordance with local regulations

7 - Handling and Storage

- Handling:** Avoid skin and eye contact
Avoid inhalation of vapour
Ensure adequate ventilation
Wear suitable protective clothing (see section 8)
- Storage:** Store in tightly closed labelled containers
Store in a cool, dry, well ventilated area out of sunlight
The product will discolour after prolonged exposure to sunlight.

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8 - Exposure Controls

Occupational Exposure Limit: None assigned
Wear rubber gloves (not PVC gloves, which can absorb acrylates)
Wear suitable eye protection such as BS EN 166
Use in well ventilated areas. Use mechanical ventilation if odour becomes too strong.
If excessive inhalation in a poorly ventilated area is likely then use a respirator with filter type A
After contact with skin wash off immediately with plenty of water.

9 - Physical & Chemical Properties

Appearance : Transparent liquid
Odour : Typical acrylic ester monomer odor
pH : 6
Boiling point/range : n/e
Melting point/range : n/e
Flammability :NON-FLAMMABLE
Autoflammability : n/e
Explosive properties : n/e
Oxidising properties : n/e
Vapour pressure : Less than five millimeters of mercury (20 °C)
Relative density : ~1.1
Solubility in water : Virtually insoluble. (Soluble in most organic compounds).
Vapour Density : n/e
Viscosity : 750 CPS
Evaporation rate (Bu Ac = 1) : n/e
(n/e = not established)

10 - Stability and Reactivity

Stable at normal temperatures
Materials to avoid: oxidising agents
Conditions to avoid: high temperature, sources of ignition & direct sunlight
No hazardous decomposition products when stored and handled correctly

11 - Toxicological Information

Routes of exposure: inhalation, skin absorption and ingestion
Inhalation may cause nausea and vomiting.
Acute effects: Profuse eye watering, irritation of the respiratory tract and irritation, redness and possible blistering at the site of skin contact
Repeated skin contact may cause sensitisation
Chronic effects: Kidney and liver damage

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12 - Ecological Information

Ecotoxicity :- Expected to be harmful to aquatic life
Persistence :- No specific information
Bioaccumulative potential :- No specific information
Mobility :- No specific information

13 - Disposal Considerations

Do not discharge into drains or watercourses
Dispose through properly licensed contractors
Dispose of in accordance with the Special Waste Regulations 1996

14 - Transport Information

Not classified as hazardous for transport

15 - Regulatory Information



a) Risk & Safety

R36/37/38 IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN
R43 MAY CAUSE SENSITISATION BY SKIN CONTACT

S24/25 Avoid contact with eyes and skin
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S28 After contact with skin, wash immediately with plenty of water.
S36/37 Wear suitable protective clothing and gloves

b) Other Regulations

Health & Safety at Work etc. Act 1974
Control of Substances Hazardous to Health Regulations 1994
Environmental Protection Act 1990
Special Waste Regulations 1996

This Safety Data Sheet is compiled with reference to The Chemicals (Hazard Information and Packaging for Supply) Regulations 1994 (CHIP2), which implement the Council Directives 67/548/EEC (The Dangerous Substances Directive) and 88/379/EEC (The Dangerous Preparations Directive), and subsequent amending regulations, up to and including The Chemicals (Hazard Information and Packaging for Supply) Regulations 2000 (CHIP2000), which implements the 26th ATP of 67/548/EEC.

16 - Other Information

Not Applicable