

# MATERIAL SAFETY DATA SHEET

TA-14001

Time Protective

Version No. 3 - Revision Date : 2021-04-21

## 1. Product & Company Identification

Product Name	Time Protective
Product Code	TA-14001
Product Description	See Technical Data Sheet
Recommended Use	See Technical Data Sheet

## Company Identification

Company Name	Al-Daman Building Materials Company
Country	Saudi Arabia
City	Riyadh, 12384
Telephone	+966 11 428 0000

## 2. Composition / Information On Ingredients

MATERIAL OR COMPONENT	CAS NO	R PHRASES	WEIGHT%
Titanium dioxide	13463-67-7	---	05-10 %
Calcium carbonate	471-34-1	36,37,38	20-30 %
Styrene acrylic copolymer	25767-47-9	---	10-25%
Aqua ammonia	1336-21-6	34,50	< 0.2 %
1,6-dihydroxy-2,5- dioxahexane	3586-55-8	22-36,37,38	< 0.1 %
Water	7732-18-5	---	20-30 %
Total	---	---	100%

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## 3. Hazard Identification

This preparation is not classed as flammable, hazardous to health by directive 1999/45/EC.

# Primary routes of exposure

### Inhalation

Inhalation of vapour or mist may cause headache, nausea, and irritation of nose, throat & lungs

### Eye Contact

Direct contact with eye may cause slight irritation.

### Skin Contact

Prolonged or repeated skin contact can cause slight skin irritation.

## 4. First Aid Measures

### Inhalation

Move the patient to the fresh air.

### Eye Contact

Flush eyes with fresh water for at least 15 minutes. Consult a physician if irritation persists.

### Skin Contact

Wash skin with soap & fresh water. Consult a physician if irritation persists.

### Ingestion

If swallowed rinse the mouth with water & give 2 glasses of water to drink. Consult to physician. Never give anything by mouth to a unconscious person.

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## 5. Fire Fighting Measures

Flash Point	Non Combustible
Auto ignition Temp.	Not Applicable
Upper explosive limit	Not Applicable
Lower explosive limit	Not Applicable

### Unusual Hazard

Dried film can burn & may generate toxic, irritating & combustion products.

### Extinguishing Agent

Use extinguishing media appropriate to surrounding fire.

### Personal Protective Equipment

Wear self-contained breathing apparatus (autonomous insulating breathing apparatus) & full protective body suit.

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## 6. Accident Release Measures

### SAFETY PRECAUTIONS

- Open enclosed spaces to outside atmosphere.
- Wear protective clothing, boots, gloves & eye protection.
- Consult the safety measures listed under headings 7 and 8.

### ENVIRONMENTAL PRECAUTIONS

Control the leaks & spills with non-combustible absorbent material such as

- Sand
- Earth
- Vermiculite.
- Diatom earth in drums for waste disposal.

### CLEANING METHODS

If recovery is not visible :

- Admix with dry soil, sand or non-reactive absorbent & place in an appropriate chemical waste container.
- Transfer to containers by suction, preparatory for later disposal.
- Flush area with water spray.
- Clean – up personnel must be equipped with self-contained breathing apparatus & butyl rubber protective clothing.
- For large spills, recover spill material with a vacume truck.

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## 7. Handling & Storage

These regulations relating to storage premises apply to workshops, showrooms where the product is handled or used.

### HANDLING

- Handle in well ventilated area.
- Avoid contact with skin or eyes during handling / using.
- Do not eat, drink during handling / use.
- Avoid using in any spray application without strict conformance to all applicable electrical codes & exposure limits for maximum allowable airborne concentrations.

### FIRE PREVENTION

- Prevent access of unauthorized personnel

### RECOMMENDED EQUIPMENT AND PROCEDURE

- Packages, which have been opened, must be re-closed carefully & stored in an upright position.

### STORAGE

- Keep away from oxidizers.
- Keep in cool, dry & ventilated place.
- Keep in closed container.
- Do not store in reactive metal containers.

Floor must be impermeable & form a collecting basin so that, in the event of an accidental spillage, the liquid cannot spread beyond this area.

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## 8. Exposure Control / Personal Protection

### TECHNICAL MEASURES

Ensure adequate ventilation, if possible with extractor fans at workplace & appropriate general extraction.

Personnel should wear regularly laundered overalls.

If this ventilation is insufficient to maintain concentration of fumes below the exposure limits, wear breathing apparatus.

### SAFETY BREATHING APPARATUS

Where workers encounter concentrations higher than the exposure limits, they must wear suitable, approved masks.

### HAND PROTECTION

Protective creams may be used for exposed skin, but they should not be applied after contact with the product.

In the event of the prolonged or repeated contact with the hands, use appropriate gloves.

### EYE AND FACE PROTECTION

Use eye protectors designed to protect against liquid splashes.

## 9. Physical And Chemical Properties

Appearance	High viscous liquid
Odor	Acrylic odor.
Viscosity	105 KU @ 25°C ASTM D-562
Specific Gravity	1.20 @ 25°C ASTM D-1475
pH	8+
Solubility	Water
Color	White
Flash point	Not applicable.

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## 10. Stability And Reactivity

STABILITY	12 Months in dry, cool & well ventilated place.
INCOMPATIBILITY	Any other solvent except water.
POLYMERIZATION	Polymerization will not occur.
REACTIVITY	Not applicable.

## 11. Toxicological Information

There is no data available on this product.

## 12. Ecological Information

There is no data available on this product.

## 13. Disposal Consideration

- Do not pour into drains or waterways.
- Do not dispose of where ground or surface water may be affected.
- Dispose in accordance with local and national regulations under the control of Pollution & Environmental protection.
- Use protective during disposal operation.
- If disposal is by waste container, label the waste container properly with sufficient information.

## 14. Transport Information

Not classified as " Hazardous for Transport".

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## 15. Statutory / Regulatory Information

This preparation is classified in compliance with the directive known as " All preparations " 1999 / 45 / EC. In addition directive 2001 59 / EC with the 28 adaption of directive 67 / 548 / EC (Hazardous substances) have been taken into account.

### R Phrases

- R 22 Harmful if swallowed
- R 36 / 38 Irritating to eyes and skin.
- R 51 / 53 Toxic to aquatic organisms, may cause long-term adverse effect in the aquatic environment.

### S Phrases

- S 23 Do not breath vapour or spray.
- S 24 Avoid contact with skin.
- S 62 If swallowed do not induce vomiting, seek medical advice.

## 16. Other Information

- Since the end users working conditions are not known by us the information provided in this safety data sheet is based on our current level of knowledge.
- The information provided in this safety data sheet relates to the product in the state in which it is delivered.
- It is intended to describe our products from the point of view of safety requirements & is not intended to guarantee any particular properties.
- The product must not be used for any purpose other than those specified under heading without first obtaining written handling instructions.
- It is all times the responsibility of the users to take all necessary measures to comply with legal requirements & local regulations.
- The information given in this safety data sheet must be regarded as a description of the safety requirements relating to our product and not guarantee of its properties.