

HEALTH RISK ASSESSMENT REPORT

Kaleidochrome Long & Durable(TM) - White Paint gas

THE HAZARD **4+** Extreme

THE RISK **3** High

Controls Required
Control: Local Exhaust / Fume Hood / Physical Barrier
Health Surveillance: Occupational Asthma, Occupational Dermatitis
Respiratory Protection Factor: 0

INGREDIENTS	CAS NO	%	8HR OEL	15 MIN OEL
acetone	67-64-1	50	1185 mg/m3	2375 mg/m3
titanium dioxide	13463-67-7	40	10 mg/m3	—
2-methyl-2H-isothiazol-3-one hydrochloride	26172-54-3	10	—	—

Chemwatch Hazard Ratings

	Min	Max
Flammability	0	
Toxicity	2	
Body Contact	3	
Reactivity	0	
Chronic	4	

0 = Minimum
1 = Low
2 = Moderate
3 = High
4 = Extreme

Respirator is always a last resort!

PERSONAL PROTECTIVE EQUIPMENT

Short Gloves

Overalls

Boots

Full-Face Respirator

EMERGENCY

Foam

HEALTH HAZARDS

Harmful: Inhalation

Burns

Respiratory irritant

Serious irreversible effects

Serious Eye damage

Sensitisation: Inhalation

Sensitisation: skin contact

May cause cancer

Toxic: Aquatic

Vapours: Drowsiness/dizziness

Irreversible Effects

FIRST AID

Rest

Eye wash

Wash body

Get to hospital

- Hazard statement(s):
- Contains gas under pressure; may explode if heated.
 - Causes severe skin burns and eye damage.
 - May cause an allergic skin reaction.
 - Harmful if inhaled.
 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.
 - May cause respiratory irritation.
 - May cause drowsiness or dizziness.
 - Suspected of causing genetic defects.
 - May cause cancer.
 - Toxic to aquatic life.

- Persons Potentially At Risk are:
- Those with allergic conditions including asthmatics
 - Those with respiratory complaints
 - Those with eye complaints
 - Offspring of and or Pregnant workers or workers who have recently given birth or are breastfeeding
 - Those working in confined spaces
 - Persons suffering from acute or chronic illness
 - Those with respiratory complaints (such as asthma), skin conditions (such as dermatitis) and eye conditions
 - Young Persons

Gas

Corrosive

Harmful/Irritant

Chronic

Precautionary statement(s): Prevention

- Obtain special instructions before use.
- Do not breathe gas.
- Wash all exposed external body areas thoroughly after handling.
- Use only outdoors or in a well-ventilated area.
- Wear protective gloves, protective clothing, eye protection and face protection.
- [In case of inadequate ventilation] wear respiratory protection.
- Avoid release to the environment.
- Contaminated work clothing should not be allowed out of the workplace.

Precautionary statement(s): Response

- IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
- IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- IF exposed or concerned: Get medical advice/attention.
- Immediately call a POISON CENTER/doctor /physician/first aider.
- If experiencing respiratory symptoms: Call a POISON CENTER/doctor/physician/first aider.
- IF ON SKIN: Wash with plenty of water.
- Wash contaminated clothing before reuse.
- If skin irritation or rash occurs: Get medical advice/attention.

- Take off contaminated clothing and wash it before reuse.

OPERATING TEMPERATURE		VOLATILITY/DUSTINESS		SCALE OF USE	FREQUENCY OF USE
0 C°		powder		grams	weekly
Code: _____		Assessed By: _____		Approved By: _____	
Job name: _____		Signed: _____		Signed: _____	
Date: _____					
Version number: 0 _____					
Reassess: _____					
No. Persons Exposed: _____				OPERATING PROCEDURE:	