



Manufacture of  
**INDUSTRIAL & DECORATIVE PAINTS, PRIMER & THINNER**

### 1. MATERIAL IDENTIFICATION & COMPANY DETAILS

<b>Product Name</b>	Eekay E – Silicon Heat Resistant Silicon based Aluminium Paint
<b>Synonyms</b>	Silicone Modified Resin Based Heat Resistance Aluminum Paint
<b>Company Name</b>	Eekay Products and Company.
<b>Address</b>	<b>Ishwar Krupa, Chittarajandas road, Nr Ramakrishna Hotel, Ramnagar, Dombivli east 421201</b>
<b>Telephone Number</b>	0251 – 2861920
<b>Emergency Number</b>	0919221265882

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

<b>Ingredient</b>	<b>CAS No.</b>
Aluminium Alkyls	007429-90-5
Xylene mixture of Isomers	001330-20-7
Ethyl Benzene	000100-41-4
Polymethoxymethylsiloxane	068037-85-4

### 3. HAZARDS IDENTIFICATION

<b>Routes of Entry</b>	Through skin and inhalation
<b>Effects of Exposure / Symptoms :</b>	
<b>Inhalation</b>	Avoid Breathing Vapour. Inhalation of Vapor may cause Dizziness and Mental Confusion.
<b>Skin contact</b>	Absorption through Skin would Cause Poisoning. Prolonged skin contact may cause Dermatitis.
<b>Eye contact</b>	The Vapor and Liquid irritates eye and Mucous membrane.



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<p><b><u>EXPOSURE :</u></b>  <i>First Aid Measures</i></p>	<p><b><u>Inhalation:</u></b> If inhalation of mists, fumes or vapour causes irritation to the nose or throat, or coughing, remove to fresh air. If Symptoms persist, obtain medical advice.</p>
	<p><b><u>Eye:</u></b> Wash copiously with water and seek medical advice.  <b><u>Skin:</u></b> Wash-off with soap and water.  <b><u>Swallowed:</u></b> Rinse mouth with water. Give water to drink. Do not induce vomiting. If vomiting occurs, place person's face downwards, head lower than hips to prevent vomit entering lungs. Seek medical advice.</p>
<p><b><u>SPILLS :</u></b>  <i>Steps to be taken</i></p>	<p>Absorb in Sand or Earth for disposal. Eliminate all sources of ignition.</p>
<p><i>Waste Disposal Method</i></p>	<p>Consult Local Authority.</p>

#### 4. FIRE FIGHTING MEASURES

<p><b><u>Fire Extinguishing</u></b></p>	<p>Evacuate immediate area of non-emergency personnel.  On combustion the following products may be produced. Carbon Dioxide, Carbon Monoxide, Soot, Smoke.  Foam, Carbon di-oxide, Dry Chemical, Water may be used to cool fire exposed containers.</p>
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#### 5. ACCIDENTAL RELEASE MEASURES

<p><b><u>Measures</u></b></p>	<p>Eliminate all sources of ignition. Wear full protective equipment. Contain and absorb using earth, sand or other inert material, do not use sawdust, this is flammable. Transfer into containers for disposal according to local regulations. Do not allow product to enter drains or water courses. Immediately remove all contaminated clothing after containment.</p>
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#### 6. HANDLING AND STORAGE

<p><b><u>Handling &amp; Storage Precaution</u></b></p>	<ol style="list-style-type: none"> <li>1. Not to be handled to open vessels.</li> <li>2. Store as flammable liquid.</li> </ol>
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### 7. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

<b><u>Exposure</u></b>	Exposed individuals may be desensitized to product are not reasonably expected to be warned, by smell, that exposure standard is being exceeded. If the TWA concentration of ANY of the components is exceeded the individual is deemed to be over exposed.
<b><u>Engineering Controls</u></b>	Ensure ventilation is adequate. When spraying, ensure product is applied in a fully functional spray-booth. Keep containers closed when not in use. Do not use near ignition sources.
<b><u>Personal Protection</u></b>	Avoid contact with skin and eyes. Wear suitable clothing such as impervious overalls, PVC or Neoprene gloves, and safety goggles. Wear an approved half face respirator, minimum requirement class A1/P3 filter system, suitable for organic vapor and particles, meeting AS1715/1716. In confined spaces with inadequate ventilation, wear an air-fed face mask.
<b><u>Flammability</u></b>	Highly flammable. Avoid heat and sources of ignition. Container should be Earthed when pouring.

### 8. PHYSICAL AND CHEMICAL DATA

<b><i>Physical State</i></b>	Liquid
<b><i>Odour</i></b>	Characteristic
<b><i>Colour</i></b>	Metallic Colour
<b><i>Solubility in water @ 30 Deg C</i></b>	Immiscible
<b><i>Specific Gravity (Water = 1)</i></b>	1.03 to 1.16
<b><i>Flash Point (Abel closed deg C)</i></b>	Above 25 Deg
<b><i>Auto-ignition temp.( deg C)</i></b>	350 °C
<b><i>Vapour Density</i></b>	Heavier than air

## 9. STABILITY AND REACTIVITY

<b><u>Do not store</u></b>	In areas of extreme heat generated by naked flame or heating element. In the presence of Incompatible materials.
<b><u>At Ambient Temperature</u></b>	Product is considered stable. Hazardous polymerization will not occur.
<b><u>Acute - Swallowed</u></b>	May cause irritation to mouth, throat and digestive tract. Large dose may cause drowsiness and may lead to unconsciousness.
<b><u>Acute - Eye</u></b>	Irritating to the eyes.
<b><u>Acute - Skin</u></b>	Irritating to the skin. Has a degreasing action on the skin. Repeated or prolonged skin contact may lead to contact dermatitis and toxic effects.
<b><u>Acute - Inhaled</u></b>	Vapour may be an irritant to mucous membranes and respiratory tract.

## 12. ECOLOGICAL INFORMATION

<b><u>Information</u></b>	Prevent release into the environment. Do not discharge into sewer or waterways. May cause adverse effects to marine organisms. May cause adverse effects to marine environment.
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## 12. DISPOSAL CONSIDERATIONS

<b><u>Consideration</u></b>	Refer to State Land Waste Management Authority. Advice flammable nature of product. Normally suitable for incineration by approved agent. Recycle containers if possible, or dispose of in authorised landfill.
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**13. TRANSPORT INFORMATION:**

Transport in accordance with the following

regulation: Road & Rail 1263, Paint, III, 3 [Y]

<b>IMDG Reference :</b>	<b>Class</b>	<b>3</b>
	<b>Proper Shipping Name</b>	<b>Paint</b>
	<b>UN No</b>	<b>1263</b>
	<b>Packing Group</b>	<b>III</b>
	<b>Marine Pollutant</b>	<b>No</b>

<b>ICAO/IATA</b>	<b>Proper Shipping Name</b>	<b>Paint</b>
	<b>Class</b>	<b>3</b>

<b>UN No</b>	<b>1263</b>
<b>Packing Group</b>	<b>III</b>

**14. REGULATORY INFORMATION**

<i>Poisons Schedule</i>	Not Allocated
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**15. OTHER INFORMATION**

<b><u>MSDS Distribution</u></b>	The information provided in this document should be made available to all who may handle / use the product.
<b><u>Disclaimer</u></b>	The data provided are in good faith as typical values and not as actual product specifications. No warranty, either expressed or implied, is hereby made. The advised industrial hygiene and safe handling procedures are generally applicable. Each user nevertheless should review these advises in the specific context of the actual use and find out whether they are suitable