

# Material Safety Data Sheet

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Material Identification

**Product ID:** 430.0001354.076  
**Product Name:** 1354 NEW AC ORANGE 6U  
**Product Use:** Paint product.  
**Print date:** 09/Feb/2006  
**Revision Date:** 4th September 2009

### Company Identification

**Master Distributors Plasti-kote**  
31 Dunlop Road  
Mulgrave 3170 Victoria Australia  
Ph (03) 9538 9200  
Fax (03) 9538 9299  
sales@plasti-kote.com.au  
Emergency telephone number: 03 9538 9200 (8.30am - 5.30pm EST, Monday-Friday)

## 2. COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

| Common Name<br>CAS-No.                   | Approx.<br>Weight % | Chemical name                |
|--|---------------------|------------------------------|
| DIMETHYL KETONE<br>67-64-1               | 40 - 45             | ACETONE                      |
| PROPANE<br>74-98-6                       | 15 - 20             | Propane                      |
| XYLENE (W/ ANTI-STATIC)<br>1330-20-7     | 5 - 10              | Xylenes (o-, m-, p- isomers) |
| BUTANE<br>106-97-8                       | 5 - 10              | Butane                       |
| ETHYL 3-<br>ETHOXYPROPIONATE<br>763-69-9 | 1 - 5               | Ethyl 3-ethoxypropionate     |
| ETHYL ACETATE<br>141-78-6                | 1 - 5               | Ethylacetate                 |
| ETHYLBENZENE<br>100-41-4                 | 1 - 5               | Ethyl benzene                |
| METHYL ETHYL KETONE<br>78-93-3           | 1 - 5               | Methyl ethyl ketone          |
| PROPRIETARY RESIN                        | 1 - 5               | PROPRIETARY RESIN            |

If this section is blank there are no hazardous components per OSHA guidelines.

## 3. HAZARDS IDENTIFICATION

### Primary Routes of Exposure:

Inhalation  
Ingestion  
Skin absorption

**Emergency Overview:**

This section not in use.

**This product contains ingredients that may contribute to the following potential acute health effects:****Inhalation Effects:**

Harmful if inhaled. May affect the brain, nervous system, or respiratory system, causing dizziness, headache, nausea or respiratory irritation.

**Eye Contact:**

Causes eye irritation.

**Skin Contact:**

May cause moderate skin irritation.

**Acute Ingestion:**

None known

**Other Effects:**

May cause kidney damage. May cause liver damage.

**This product contains ingredients that may contribute to the following potential chronic health effects:**

Notice: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Prolonged and/or repeated contact can result in skin irritation. May cause skin drying with prolonged exposure.

See Section 11 for toxicological information about Mutagens, Teratogens and Carcinogens.

If this section is blank, no information is available.

## 4. FIRST AID MEASURES

**Inhalation:**

If affected by inhalation, move victim to fresh air. If symptoms persist, seek medical attention.

**Eye Contact:**

In case of contact, or suspected contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention immediately after flushing.

**Skin Contact:**

In case of contact, immediately flush skin with plenty of soap and water for at least 15 minutes. If irritation persists get medical attention. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean contaminated shoes.

**Ingestion:**

If swallowed, contact medical personnel immediately to determine best course of action.

**Medical conditions aggravated by exposure:** Any respiratory or skin condition.

## 5. FIRE FIGHTING MEASURES

|                                  |   |
|----------------------------------|---|
| Flash point (Fahrenheit):        | -31° F ( -35° C) TCC/PM   |
| Lower explosive limit:           | 2 %   |
| Upper explosive limit:           | 13 %  |
| Autoignition temperature:        | Not available. ° F ( ° C)   |
| Sensitivity to impact:           | No.   |
| Sensitivity to static discharge: | Subject to static discharge hazards. Please see bonding and grounding information in Section 7. |
| Hazardous combustion products:   | See Section 10.   |

**Unusual fire and explosion hazards:**

Contaminated rags, wipes, saw dust, etc., may catch fire spontaneously. Store waste under water in closed metal containers until disposed of in compliance with applicable regulations. Contains oxidizable materials.

**Extinguishing media:**

Carbon dioxide, dry chemical, foam and/or water fog.

**Fire fighting procedures:**

Use water spray to cool nearby containers and structures exposed to fire. Firefighters should be equipped with self-contained breathing apparatus and turn out gear.

## 6. ACCIDENTAL RELEASE MEASURES

**Action to be taken if material is released or spilled:**

Ventilate area. Avoid breathing of vapors. Use self-containing breathing apparatus or airmask for large spills in a confined area. Wipe, scrape or soak up in an inert material and put in a container for disposal. See section 5, "Unusual Fire and Explosion Hazards", for proper container and storage procedures. Remove sources of ignition. Remove with inert absorbent and non sparking tools. Avoid contact with eyes.

## 7. HANDLING AND STORAGE

**Precautions to be taken in handling and storage:**

Keep away from heat, sparks, and flames. Keep container closed when not in use. Do not store above 120 degrees F. (49 degrees C). Based on flash point and vapor pressure, suitable storage should be provided in accordance with OSHA regulation 1910.106, Ontario OH&S regulation 851 section 22. Empty containers may contain product residue, including flammable or explosive vapors. Do not cut, puncture or weld on or near container. All label warnings must be observed until the container has been commercially cleaned or reconditioned. If the product is used near or above the flashpoint, an ignition hazard may be present. Activities, uses, or operations which liberate vapor (such as mixing or free fall of liquids) may also present an ignition hazard. Please ensure containers and other interconnected equipment are properly bonded and grounded at all times.

## 8. PERSONAL PROTECTIVE EQUIPMENT AND EXPOSURE CONTROLS

**Personal Protective Equipment****Eye and face protection:**

Avoid contact with eyes. Wear chemical goggles if there is the possibility of contact or splashing in the eye.

**Skin protection:**

Appropriate chemical resistant gloves should be worn. To prevent skin contact wear protective clothing covering all exposed areas.

**Respiratory protection:**

If exposure cannot be controlled below applicable limits, use the appropriate NIOSH approved respirator such as an air purifying respirator with organic vapor cartridge and dust/mist filter. Consult the respirator manufacturer's literature to ensure that the respirator will provide adequate protection. Read and follow all respirator manufacturer's instructions.

**Ventilation**

Required when spraying or applying in confined area. Ventilation equipment should be explosion proof. Eliminate ignition sources.

**Exposure Guidelines****OSHA Permissible Exposure Limits (PEL's)**

| Common Name<br>CAS-No.               | Approx.<br>Weight % | TWA (final)                     | Ceilings limits (final) | Skin designations |
|--------------------------------------|---------------------|---------------------------------|-------------------------|-------------------|
| DIMETHYL KETONE<br>67-64-1           | 40 - 45             | 2400 mg/m <sup>3</sup> 1000 ppm |                         |                   |
| PROPANE<br>74-98-6                   | 15 - 20             | 1800 mg/m <sup>3</sup> 1000 ppm |                         |                   |
| XYLENE (W/ ANTI-STATIC)<br>1330-20-7 | 5 - 10              | 435 mg/m <sup>3</sup> 100 ppm   |                         |                   |
| ETHYL ACETATE<br>141-78-6            | 1 - 5               | 1400 mg/m <sup>3</sup> 400 ppm  |                         |                   |
| ETHYLBENZENE<br>100-41-4             | 1 - 5               | 435 mg/m <sup>3</sup> 100 ppm   |                         |                   |
| METHYL ETHYL KETONE<br>78-93-3       | 1 - 5               | 590 mg/m <sup>3</sup> 200 ppm   |                         |                   |

#### ACGIH Threshold Limit Value (TLV's)

| Common Name<br>CAS-No.               | Approx.<br>Weight % | TWA      | STEL    | Ceiling limits | Skin designations |
|--------------------------------------|---------------------|----------|---------|----------------|-------------------|
| DIMETHYL KETONE<br>67-64-1           | 40 - 45             | 500 ppm  | 750 ppm |                |                   |
| PROPANE<br>74-98-6                   | 15 - 20             | 1000 ppm |         |                |                   |
| XYLENE (W/ ANTI-STATIC)<br>1330-20-7 | 5 - 10              | 100 ppm  | 150 ppm |                |                   |
| BUTANE<br>106-97-8                   | 5 - 10              | 1000 ppm |         |                |                   |
| ETHYL ACETATE<br>141-78-6            | 1 - 5               | 400 ppm  |         |                |                   |
| ETHYLBENZENE<br>100-41-4             | 1 - 5               | 100 ppm  | 125 ppm |                |                   |
| METHYL ETHYL KETONE<br>78-93-3       | 1 - 5               | 200 ppm  | 300 ppm |                |                   |

If this section is blank, no information is available.

## 9. PHYSICAL PROPERTIES

|   |                                      |
|---|--------------------------------------|
| Odor:                                   | Normal for this product type.        |
| Physical State:                         | Liquid                               |
| pH:                                     | Not determined.                      |
| Vapor pressure:                         | NOT DETERMINED mmHG @ 68° F ( 20° C) |
| Vapor density (air = 1.0):              | 5                                    |
| Boiling point:                          | -42° F ( -41° C)                     |
| Solubility in water:                    | Not determined.                      |
| Coefficient of water/oil distribution:  | Not determined.                      |
| Density (lbs per US gallon):            | 6.32                                 |
| Specific Gravity                        | .76                                  |
| Evaporation rate (butyl acetate = 1.0): | 5.6                                  |

## 10. STABILITY AND REACTIVITY

|                           |                   |
|---------------------------|-------------------|
| Stability                 | Stable            |
| Conditions to Avoid:      | None known.       |
| Incompatibility:          | Strong oxidizers. |
| Hazardous Polymerization: | None anticipated. |

Hazardous Decomposition Products:

Carbon monoxide and carbon dioxide.

Sensitivity to static discharge:

Subject to static discharge hazards. Please see bonding and grounding information in Section 7.

### 11. TOXICOLOGICAL INFORMATION

Mutagens:

Teratogens:

Carcinogens:

Contains ethylbenzene, which has been determined by NTP to be an animal carcinogen with no known relevance to humans. IARC has classified ethylbenzene as possibly carcinogenic to humans (2b) on the basis of sufficient evidence of carcinogenicity in laboratory animals but inadequate evidence of cancer in humans.

| Common Name<br>CAS-No.   | Approx.<br>Weight % | IARC Group 1 - Human<br>Evidence | IARC Group 2A - limited<br>human data | IARC Group 2b -<br>sufficient animal data |
|--------------------------|---------------------|----------------------------------|---------------------------------------|---|
| ETHYLBENZENE<br>100-41-4 | 1 - 5               |                                  |                                       | Monograph 77, 2000                        |

| Common Name<br>CAS-No.   | Approx.<br>Weight % | NTP Known<br>carcinogens | NTP Suspect<br>carcinogens | NTP Evidence of<br>carcinogenicity   |
|--------------------------|---------------------|--------------------------|----------------------------|--|
| ETHYLBENZENE<br>100-41-4 | 1 - 5               |                          |                            | male rat-clear evidence;<br>female rat-some<br>evidence; male mice-<br>some evidence; female<br>mice-some evidence |

| Common Name<br>CAS-No.   | Approx.<br>Weight % | OSHA Select<br>carcinogens | OSHA Possible select<br>carcinogens | ACGIH Carcinogens   |
|--------------------------|---------------------|----------------------------|-------------------------------------|---|
| ETHYLBENZENE<br>100-41-4 | 1 - 5               |                            |                                     | Group A3 Confirmed<br>animal carcinogen with<br>unknown relevance to<br>humans. |

If this section is blank, no information is available.

### 12. ECOLOGICAL DATA

Not available at this time.

### 13. DISPOSAL CONSIDERATIONS

Disposal should be made in accordance with federal, state and local regulations.

### 14. TRANSPORTATION INFORMATION

U.S. Department of Transportation

Proper Shipping Name: CONSUMER COMMODITY ORM-D  
UN ID Number: CONCOM

**49 CFR Hazardous Material Regulations Parts 100-180**

The supplier will apply the combustible liquid exception in 49 CFR 173.150(f), limited quantity or "does not sustain combustion" exceptions and consumer commodity rules, when authorized. Please check 49 CFR Parts 100-180 to determine if the use of these exceptions applies to your shipments when re-shipping our products.

**International Air Transport Association:**

Proper Shipping Name: AEROSOLS, FLAMMABLE  
 Hazard Class: 2.1  
 UN ID Number: UN1950

**International Maritime Organization:**

Proper Shipping Name: AEROSOLS  
 Hazard Class: 2  
 UN ID Number: UN1950

**15. REGULATORY INFORMATION**

| Common Name<br>CAS-No.               | Approx.<br>Weight % | SARA 302 | SARA 313  | CERCLA RQ IN LBS. |
|--------------------------------------|---------------------|----------|---|-------------------|
| DIMETHYL KETONE<br>67-64-1           | 40 - 45             |          |   | 5000              |
| XYLENE (W/ ANTI-STATIC)<br>1330-20-7 | 5 - 10              |          | form R reporting required<br>for 1.0% de minimis<br>concentration | 100               |
| ETHYL ACETATE<br>141-78-6            | 1 - 5               |          |   | 5000              |
| ETHYLBENZENE<br>100-41-4             | 1 - 5               |          | form R reporting required<br>for 1.0% de minimis<br>concentration | 1000              |
| METHYL ETHYL KETONE<br>78-93-3       | 1 - 5               |          |   | 5000              |

**SARA 311/312 Hazard Class:**

Acute: Yes  
 Chronic: Yes  
 Flammability: Yes  
 Reactivity: No  
 Sudden Pressure: Yes

**U.S. STATE REGULATIONS:****Pennsylvania Right To Know:**

|                          |              |
|--------------------------|--------------|
| ETHYLBENZENE             | 100-41-4     |
| BUTANE                   | 106-97-8     |
| XYLENE (W/ ANTI-STATIC)  | 1330-20-7    |
| ETHYL ACETATE            | 141-78-6     |
| DIMETHYL KETONE          | 67-64-1      |
| PROPANE                  | 74-98-6      |
| ETHYL 3-ETHOXYPROPIONATE | 763-69-9     |
| METHYL ETHYL KETONE      | 78-93-3      |
| PROPRIETARY RESIN        | Trade Secret |

**Poisons Schedule (Australia):**

**S5 All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).**

**California Proposition 65:**

WARNING: This product contains a chemical known to the State of California to cause cancer.

**Rule 66 status of product**

Photochemically reactive.

**INTERNATIONAL REGULATIONS - Chemical Inventories****TSCA Inventory:**

All components of this product are in compliance with U.S. TSCA Chemical Substance Inventory Requirements.

**Canada Domestic Substances List:**

Not all components in this product are listed on the Domestic Substances List.

**16. OTHER INFORMATION****HMIS Codes**

|                      |  |
|----------------------|--|
| <b>Health:</b>       | 2  |
| <b>Flammability:</b> | 4  |
| <b>Reactivity:</b>   | 1  |
| <b>PPE:</b>          | X - See Section 8 for Personal Protective Equipment (PPE). |

**Abbreviations:**

OSHA - Occupational Safety and Health Administration, IARC - International Agency for Research on Cancer, NIOSH - National Institute of Occupational Safety and Health, NTP - National Toxicology Program, ACGIH - American Conference of Governmental Industrial Hygienists, SCAQMD - South Coast Air Quality Management District, TSCA - Toxic Substances Control Act, IATA - International Air Transport Association, IMO - International Maritime Organization, DOT - Department of Transportation, NA - Not applicable, NOT ESTAB - Not established, N.A.V. - Not available, RQ - Reportable quantity, WT - Weight, MG/CU M - Milligrams per cubic meter, G/L - Grams per liter, MM - Millimeters, MPPCF - Millions of particles per cubic foot, PPM - parts per million, PPT - parts per thousand, TCC/PM - Tag closed cup / Pensky-Martens, PB - Lead, PEL - Permissible exposure level, TWA - Time Weighted Average, STEL - Short term exposure limit, C - Celsius, F - Fahrenheit.

**DISCLAIMER:**

**Material Safety Data Sheets are updated frequently. Please ensure that you have a current copy. This MSDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the workplace. Since Master Distributors Pty Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product in the workplace. If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company. Our responsibility for the product as sold, is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request.**