

Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product ID: KC20
Product Name: LOW VOC CLEANER
Product Use: Paint product.
Print date: 07/Mar/2009
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Distributed By: The Easthill Group
dba/ The Eastwood Company
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Pottstown, PA 19464
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Outside USA: 610-323-2200

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2. HAZARDS IDENTIFICATION

Primary Routes of Exposure:

Inhalation
Ingestion
Skin absorption

Eye Contact:

- May cause eye irritation.

Skin Contact:

- May cause defatting of the skin.
- Can be absorbed through skin.

Ingestion:

None known.

Inhalation:

- May cause irritation of respiratory tract.

Target Organ and Other Health Effects:

- Causes headache, drowsiness or other effects to the central nervous system.

3. COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

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Ingredient Name CAS-No.	Approx. Weight %	Chemical Name
DIPROPYLENE GLYCOL METHYL ETHER 34590-94-8	1 - 5	Dipropylene glycol monomethyl ether

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

4. FIRST AID MEASURES**Eye Contact:**

Get medical attention, if symptoms develop or persist. Immediately flush eye(s) with plenty of water.

Skin Contact:

Remove contaminated clothing and shoes. Wash off immediately with plenty of water for at least 15 minutes. Get medical attention, if symptoms develop or persist.

Ingestion:

Give one or two glasses of water. Only induce vomiting at the instruction of medical personnel. Get medical attention.

Inhalation:

Move to fresh air. Get medical attention, if symptoms develop or persist.

Medical conditions aggravated by exposure:

Any respiratory or skin condition.

5. FIRE FIGHTING MEASURES

Flash point (Fahrenheit):

175°F (79°C)

Lower explosive limit:

1 %

Upper explosive limit:

15 %

Autoignition temperature:

not determined -°F (°C)

Sensitivity to impact:

no

Sensitivity to static discharge:

Not typically sensitive to static discharge hazards. Please see bonding and grounding information in Section 7.

Hazardous combustion products:

See Section 10.

Unusual fire and explosion hazards:

None known.

Extinguishing media:

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

Fire fighting procedures:

Firefighters should be equipped with self-contained breathing apparatus and turn out gear. Keep containers and surroundings cool with water spray.

Does not sustain combustion.

6. ACCIDENTAL RELEASE MEASURES**Action to be taken if material is released or spilled:**

Ventilate the area. Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13). Avoid contact with eyes.

7. HANDLING AND STORAGE

Precautions to be taken in handling and storage:

Keep away from heat, sparks and open flame. - No smoking. 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:**

Chemical goggles, also wear a face shield if splashing hazard exists.

Skin protection:

Appropriate chemical resistant gloves should be worn.

Other Personnel Protection Data:

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

Use only in well-ventilated areas. Ovens used for curing should contain a fresh air purge to prevent vapours from accumulating and creating a possible explosive mixture. Ensure adequate ventilation, especially in confined areas. Where the product is used in a hazardous classified area, use explosion-proof electrical/ventilating/lighting/equipment.

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

Ingredient Name CAS-No.	Approx. Weight %	TWA (final)	Ceilings limits (final)	Skin designations
DIPROPYLENE GLYCOL METHYL ETHER 34590-94-8	1 - 5	600 mg/m ³ 100 ppm		Can be absorbed through the skin.

ACGIH Threshold Limit Value (TLV's)

Ingredient Name CAS-No.	Approx. Weight %	TWA	STEL	Ceiling limits	Skin designations
DIPROPYLENE GLYCOL METHYL ETHER 34590-94-8	1 - 5	100 ppm	150 ppm		Can be absorbed through the skin.

9. PHYSICAL PROPERTIES

Odor:

Normal for this product type.

Physical State:

liquid

9. PHYSICAL PROPERTIES

pH:	not determined
Vapor pressure:	24 mmHg @ 77°F (25°C)
Vapor density (air = 1.0):	5.11
Boiling point:	not determined
Solubility in water:	not determined
Coefficient of water/oil distribution:	not determined
Density (lbs per US gallon):	8.32
Specific Gravity:	1
Evaporation rate (butyl acetate = 1.0):	0.1
Flash point (Fahrenheit):	175°F (79°C)
Lower explosive limit:	1 %
Upper explosive limit:	15 %
Autoignition temperature:	not determined -°F (°C)

10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions.
Conditions to Avoid:	Heat.
Incompatibility:	Avoid water-reactive materials, heat or contact with peroxides or other catalysts.
Hazardous Polymerization:	None anticipated.
Hazardous Decomposition Products:	Carbon monoxide and carbon dioxide.

Sensitivity to static discharge: Not typically sensitive to static discharge hazards. Please see bonding and grounding information in Section 7.

11. TOXICOLOGICAL INFORMATION

Ingredient Name CAS-No.	Approx. Weight %	NIOSH - Selected LD50s and LC50s
DIPROPYLENE GLYCOL METHYL ETHER 34590-94-8	1 - 5	Oral LD50 Rat : 5400 uL/kg Dermal LD50 Rabbit : 10 mL/kg

Mutagens/Teratogens/Carcinogens: None known.

12. ECOLOGICAL DATA

No information on ecology is available.

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:	PAINT RELATED MATERIAL
Hazard Class:	COMBUSTIBLE LIQUID
UN ID Number:	UN1263
Packing Group:	III

14. TRANSPORTATION INFORMATION

U.S. Highway & Rail Shipments

The supplier may apply one of the following exceptions: Combustible Liquid, Consumer Commodity, Limited Quantity, Viscous Liquid, Does Not Sustain Combustion, or others, as allowed under 49CFR Hazmat Regulations. Please consult 49CFR Subchapter C to ensure that subsequent shipments comply with these exceptions.

Reportable Quantity Description:

International Air Transport Association (IATA):

Proper Shipping Name: PAINT RELATED MATERIAL
UN ID Number: NRPREL

International Maritime Organization (IMO):

Proper Shipping Name: PAINT RELATED MATERIAL
Non-Bulk UN ID Number: NRPREL

15. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

SARA 311/312 Hazard Class:

Acute: yes
Chronic: no
Flammability: yes
Reactivity: no
Sudden Pressure: no

U.S. STATE REGULATIONS:

Right to Know:

The specific chemical identity of a component may be withheld as a trade secret under 34 Pennsylvania Code, Chapter 317.

Pennsylvania Right To Know:

DIPROPYLENE GLYCOL METHYL ETHER

34590-94-8

Additional Non-Hazardous Materials

WATER

7732-18-5

Rule 66 status of product

Not photochemically reactive.

INTERNATIONAL REGULATIONS - Chemical Inventories

US TSCA Inventory:

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

Canada Domestic Substances List:

All components of this product are listed on the Domestic Substances List.

16. OTHER INFORMATION

HMIS Codes

Health: 2
Flammability: 2
Reactivity: 1
PPE: 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:

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