

MATERIAL SAFETY  
DATA SHEET

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FLEXICOAT BLACK, AEROSOL

PRODUCT ID NO.: 1072

PAGE: 1

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EFFECTIVE DATE: 12/19/02

DATE PREPARED: 04/02/04

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This Material Safety Data Sheet contains environmental, health and toxicology information for your employees. Please make sure this information is given to them. It also contains information to help you meet community Right To Know emergency response reporting requirements under SARA TITLE III and many other laws. If you resell this product, this MSDS must be given to the buyer or the information incorporated in your MSDS.  
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This MSDS complies with 29 CFR 1910.1200  
(The Hazard Communication Standard)

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SECTION I - PRODUCT IDENTIFICATION  
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PRODUCT DESCRIPTION: FLEXICOAT BLACK, AEROSOL

D.O.T. PROPER SHIPPING NAME: ORM-D

CONSUMER COMMODITY

NFPA CODES: HEALTH - 3 FLAMMABILITY - 2 CORROSIVE - 0 REACTIVITY - 0

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SECTION II - COMPONENTS  
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DICHLOROMETHANE

\* PEL: TWA 25 ppm

CAS #: 75-09-2

TLV: ACGIH 50 ppm

POLY (BUTADIENE-CO-STYRENE

PEL: NOT ESTABLISHED

CAS #: 9003-55-8

TLV: NOT ESTABLISHED

N-TALLOWALKYL TRIMETHYLENE DIAMINES OLE.

PEL: NOT DETERMINED

CAS #: 61791-53-5

TLV: NOT DETERMINED

PETROLEUM ASPHALT

PEL: NONE ESTABLISHED

CAS #: 8052-42-4

TLV: 5 mg/m

ALIPHATIC DISTILLATES

PEL: 100 PPM

CAS #: 64742-88-7

TLV: 100 PPM

HYDROCARBON PROPELLANT

PEL: 800 PPM

CAS #: 68476-86-8

TLV: 800 PPM

"\*" If present, IARL, NTP and OSHA carcinogens and chemical subject to this reporting requirements of SARA TITLE III, SECTION 313 are identified in this section.

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SECTION III - PHYSICAL DATA  
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BOILING POINT FOR PRODUCT: NOT DETERMINED

VAPOR PRESSURE FOR PRODUCT: < 75 PSI

VAPOR DENSITY FOR PRODUCT: HEAVIER THAN AIR

SPECIFIC GRAVITY: 1.0773

V.O.C.(GRAMS PER LITER): N/A

WATER SOLUBILITY: NIL

APPEARANCE: BLACK ASPHALT

V.O.C. PERCENTAGE: 38 %

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SECTION IV - FIRE AND EXPLOSION DATA  
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FLASH POINT(N/A): LEVEL 2 AEROSOL

EXPLOSIVE LIMIT (PRODUCT): LOWER - N/D

UPPER - N/D

04.20

## GENERAL HAZARD:

Combustible liquid, can form combustible mixtures at temperatures at or above the flashpoint. Static Discharge, material can accumulate static charge which can cause an incendiary electrical discharge. "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT cut, weld, braze, solder, drill or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition; they may explode and cause injury or death.

## FIRE FIGHTING:

Use water spray to cool fire exposed surfaces and to protect personnel. Isolate "fuel" supply from fire. Use foam, dry chemical, or water spray to extinguish fire. Avoid spraying water directly into storage containers due to danger of boilover. This liquid is volatile and gives off invisible vapors. Either the liquid or vapor may settle in low areas or travel some distance along the ground or surface to ignition sources where they may ignite or explode.

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SECTION V - HEALTH HAZARD DATA  
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SEC05.22

## ROUTES OF EXPOSURE:

INHALATION: Excessive inhalation may produce symptoms of central nervous system depression, ranging from light-headedness, nausea and vomiting, to unconsciousness and death.

SKIN: Mildly irritating to skin. Skin contact may produce a burning sensation--prolonged or repeated contact may cause skin to become redened, rough, and dry due to the removal of natural oils and may result in dermatitis.

May be absorbed through the skin, although not expected to produce toxicity through this route.

EYE CONTACT: An irritant of the eyes, causing pain, lacrimation and general inflammation.

INGESTION: May cause irritation of the gastrointestinal tract with vomiting. If vomiting results in aspiration, chemical pneumonia may follow. Absorption through the gastrointestinal tract may produce symptoms of central nervous system depression ranging from light headedness to unconsciousness.

## EFFECTS OF OVEREXPOSURE:

ACCUTE: Excessive inhalation or ingestion may produce symptoms of central nervous system depression ranging from light headedness, to unconsciousness and death. Overexposure may result in liver and kidney damage. Exposure of the eyes and skin may produce irritation. Animals exposed to high levels have shown cardiac sensitization.

CHRONIC: Can cause headache, mental confusion, depression, fatigue, loss of sense of balance, and visual disturbances. Prolonged or repeated skin contact may cause dermatitis.

HYGIENE: Avoid contact with skin and avoid breathing vapors. Do not eat, drink or smoke in work area. Wash hands prior to eating, drinking or using restroom.

## FIRST AID:

EYES: Irrigate with flowing water immediately and continuously for 15 minutes. Consult medical personnel.

## ===== SECTION V - HEALTH HAZARD DATA (CONTINUED) =====

SKIN: Wash off in flowing water or shower.

INGESTION: Do not induce vomiting. Call a physician and/or transport to emergency facility immediately.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, oxygen should be administered by qualified personnel. Call a physician or transport to a medical facility.

NOTE TO PHYSICIAN: Because rapid absorption may occur through lungs if aspirated and cause systemic effects, the decision of whether to induce vomiting or not should be made by a physician. If lavage is performed, suggest endotracheal and/or esophageal control. Danger from lung aspiration must be weighted against toxicity when considering emptying the stomach. Exposure may increase "myocardial irritability". Do not administer sympathomimetic drugs unless absolutely necessary.

(PROPOSITION 65):SEC05

State of California SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986.

WARNING: IN ACCORDANCE WITH PROP 65, THIS PRODUCT CONTAINS A CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS AND OTHER REPRODUCTIVE HARM.

## ===== SECTION VI - REACTIVITY DATA =====

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STABILITY: Stable

CONDITIONS TO AVOID: Not applicable

HAZARDOUS POLYMERIZATION: Will not occur

MATERIALS AND CONDITIONS TO AVOID INCOMPATIBILITY: Strong oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS: None

## ===== SECTION VII - SPILL OR LEAK PROCEDURES =====

SEC07.45

STEPS TO BE TAKEN IN CASE CONTAINER IS PUNCTURED AND MATERIAL IS RELEASED:

Clean up area by mopping or with absorbant materials and place in closed container for disposal. Consult Federal, State, and local disposal authorities.

WASTE DISPOSAL METHOD: Consult local authorities for proper waste disposal procedures. Empty de-pressurized containers can not be reused. Cans which are pressurized or contain liquid must be disposed of in a permitted waste management facility. Consult Federal, State, and local disposal authorities for approved procedures.

## ===== SECTION VIII - PROTECTIVE EQUIPMENT TO BE USED =====

SEC08.20

VENTILATION REQUIREMENT: Use adequate level exhaust ventilation. Note: Where carbon monoxide may be generated, special ventilation may be required.

Local exhaust recommended when appropriate to control employee exposure.

RESPIRATORY PROTECTION: Based on contamination level and working limits of the respirator, use a respirator approved by NIOSH/MSHA.

EYES: Face shield and goggles or chemical goggles should be worn.

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SECTION VIII - PROTECTIVE EQUIPMENT TO BE USED (CONTINUED)  
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GLOVES: Impervious gloves should be worn. Gloves contaminated with the product should be discarded. Polyfluorinated polyethylene has been suggested.

OTHER CLOTHING EQUIPMENT: Standard work clothing.  
Standard work shoes; discard if shoes cannot be decontaminated.  
Store contaminated clothing in well ventilated cabinets or closed containers. Wash contaminated clothing and dry before reuse.

RESPIRATORY PROTECTION: In situations where vapor concentrations exceed the recommended exposure limits, a NIOSH approved organic vapor cartridge or air-supplying respirator should be worn.

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SECTION IX - SPECIAL PRECAUTIONS OR OTHER COMMENTS  
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SEC09.45

HANDLING STORAGE AND DECONTAMINATION PROCEDURES: When utilizing pressurized containers follow standard safety practices for handling aerosols.

GENERAL COMMENTS: Do not store at temperatures above 120 degree F. Odor is not an adequate warning of potentially hazardous concentrations in air. Releases of these gases may cause a flammable atmosphere with explosion potential.

PRECAUTIONARY STATEMENTS: Please read and follow the directions on the product label. They are your best guide to using this product in

==== SECTION IX - SPECIAL PRECAUTIONS OR OTHER COMMENTS(CONTINUED) ==  
the most effective way, and give the necessary safety precautions to protect your health.

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ADDITIONAL COMMENTS  
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The above information is based on the data of which we are aware and is believed to be correct as of the date hereof. Since the information contained herein may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequent to the date hereof may suggest modification of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.