

# MATERIAL SAFETY DATA SHEET

Product #4183

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: 4183 GUIDE-COAT Spray Paint  
Date Printed: 02/05/08  
Product Use/Class: Acrylic Base Coating

Supplier: International Epoxies & Sealers  
30241 Commerce Drive  
San Antonio, FL 33576  
Information Phone: 1-800-451-7206

Emergency Telephone: INFOTRAC 1-800-535-5053  
Outside the U.S. Call Collect: 1-352-323-3500

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

Haz. Ingredient	CAS #	%	Exp. Limit	LD/50, Route, Species LC/50, Route, Species
Acetone	67-64-1	15-40	750 ppm	>9750 mg/kg ORAL - RAT >16,000 ppm (4hr) INHAL - RAT
VM&P Naphtha	64742-89-8	10-30	300 ppm	Not Available 3400 ppm (4hr) INHAL - RAT
Toluene	108-88-3	7-13	50 ppm	5000 mg/kg ORAL - RAT 8000 ppm (4hr) INHAL - RAT
Talc (Magnesium Silicate Hydrate)	14807-96-6	5-10	2 mg/m <sup>3</sup>	Not Available Not Available
Carbon Black	1333-86-4	0.1-1	3.5 mg/m <sup>3</sup>	>1000 mg/kg ORAL - RAT Not Available
Isobutane	75-28-5	5-10	1000 ppm	Not Available 142,500 ppm (4hr) INHAL - RAT
Propane	74-98-6	10-30	1000 ppm	>5000 mg/kg DERMAL - RABBITS Not Available

## 3. HAZARDS IDENTIFICATION

Routes of Entry:  
Ingestion: May cause headache, nausea, vomiting and weakness.  
Inhalation: Inhalation of solvents may cause irritation. propellant is a simple asphyxiant  
Eye Contact: may cause irritation.  
Skin Absorption: No data available for this product mixture.  
Skin Contact: May cause irritation.  
Effects of acute exposure: Dizziness, nausea. irritation to skin & eyes.  
Effects of chronic exposure: Solvents may cause defatting dermatitis

## 4. FIRST AID MEASURES

Emergency first aid procedure: **In case of eye contact**, flush immediately with plenty of water for at least 15 minutes and get medical attention. **For skin contact**, wash thoroughly with soap and water. **If affected by inhalation of vapor or spray mist**, remove to fresh air. **If swallowed**; do not induce vomiting, get medical attention.

**5. FIRE FIGHTING MEASURES**

Auto Ignition Temperature (°C)	465-480
Special Procedures	Water from fogging nozzles may be used to cool closed containers to prevent build-up if exposed to extreme temperatures. Full protective equipment including self contained breathing apparatus should be worn in a fire involving this material.
Flammability	Flammable
If yes, under which conditions?	Excessive heat, sparks and open flame
Extinguishing Media	Water, carbon dioxide, dry chemical, foam
Upper Flammable Limit (% by volume)	12.8
Lower Flammable Limit (% by volume)	1
Explosion Data	
Sensitivity to static discharge	Not applicable
Sensitivity to impact	Not applicable
Hazardous combustion Products	Hydrocarbon fumes and smoke. carbon monoxide where combustion is incomplete
Aerosol flame projection classified as:	>45cm
Flashback	None
Flash point(°C), tag closed-cup (concentrate)	Lowest known value is acetone @-18°C

**6. ACCIDENTAL RELEASE MEASURES**

For leak/spill: Remove all sources of ignition. use an inert absorbent material, and non-sparking tools. Ventilate area. Prevent from entering a watercourse.

**7. HANDLING AND STORAGE**

Storage needs:	Keep away from heat, sparks, and open flames.
Engineering controls:	Ventilation - local (mechanical if used indoors on a continuous basis).
Handling procedures and equipment:	Store in a cool, well ventilated area not to exceed 50°C (122°F).
Synergistic materials:	None known.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

Gloves/ type:	Wear chemical resistant gloves.
Respiratory/type:	If used indoors on a continuous basis, use of a cartridge type respirator (niosh/mshatc 23C or equivalent) is recommended.
Eye/type:	Safety glasses.
Footwear/type:	Not normally required.
Other/type:	Not required.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Physical state	Aerosol
Appearance	Black
Odor	Ketone
Odor threshold	Not available
Vapor pressure (psig)-aerosol (@20°C)	50 - 60
Boiling point (°C) (conc)	57-156

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Evaporation rate (n-butyl acetate = 1)	Greater than 1
Vapor density (air=1) (by weight)	Greater than 1
Solubility in water g/l (20 °C)	Negligible
Ph	Not applicable
Specific gravity (liquid)	0.84-0.88
Coefficient of water/oil dist	Not available
Freezing point: (°C)	Not available
Aerosol percent volatile (by weight)	87-88
Specific gravity (aerosol)	0.70-0.74

## 10. STABILITY AND REACTIVITY

Hazardous products of decomposition:	Hydrocarbon fumes and smoke. carbon monoxide where combustion is incomplete
Chemical stability:	Yes under normal conditions
No, which conditions?	Not applicable
Compatibility with other substances:	
No, which ones?	Strong oxidizing agents
Reactivity conditions?	Not applicable

## 11. TOXICOLOGICAL INFORMATION

Reproductive effects:	Toluene - prolonged and repeated exposure of pregnant animals to toluene. (Levels greater than approximately 1500 ppm) has been reported to cause adverse fetal developmental effects.
Irritancy of material:	Skin/eye irritant.
Sensitizing capability of material	Unknown.
Carcinogenicity of material	Contains trace amount of carbon black classified as possible carcinogen for human beings (2b) by IARC as respirable dust. Carbon black being wet in the product, the risk of inhaling can arise only during sanding or spraying.
Mutagenicity	None known.
Teratogenicity	No information is available and no adverse teratogenic effects are anticipated.

## 12. ECOLOGICAL INFORMATION

Environmental: Not Available

## 13. DISPOSAL CONSIDERATIONS

Waste Disposal: Do not puncture or incinerate containers, even when empty. Dispose of in accordance with local, provincial and federal regulations.

## 14. TRANSPORT INFORMATION

D.O.T Classification	Consumer Commodity, ORM-D
T.D.G. Classification	Consumer Commodity (aerosols, UN1950, class 2.1)

**15. REGULATORY INFORMATION**

Canadian Regulations:

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 WHMIS Classification: A,B5,D2A,D2B.  
 CNFC Section 3.3.5: Level 2.  
 CEPA (Canadian Environmental Protection Act): all substances in this product are listed on the Canadian domestic substances list (dsl) or are not required to be listed.

U.S. Regulations:

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 HMIS rating health 2 moderate hazard.  
 HMIS rating flammability 4 severe hazard.  
 HMIS rating reactivity 0 minimal hazard.  
 HMIS rating personal protection B  
 NFPA Code 30B Level 2.  
 SARA 313 information This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372: .

CAS #: \_\_\_\_\_ Chemical name:  
 \*108-88-3 Toluene

California Proposition 65: The following statement is made in order to comply with the California safe drinking water and toxic enforcement act of 1986: .  
 WARNING: This product contains a chemical known to the state of California to cause cancer, birth defects or other reproductive harm.

CAS #: \_\_\_\_\_ Chemical name:  
 \*n982 Zinc Compound  
 \*1333-86-4 Carbon Black .

TSCA (Toxic Substances Control Act) All component of this product are listed on the TSCA inventory. Any impurities present in this product are exempt from listing.  
 V.O.C.(M.I.R.) Complies with CARB MIR = 1.20 for flat paints.

**16. OTHER INFORMATION**

Notice from IES: The information on this material safety data sheet is provided by IES free of charge. While believed to be reliable, it is intended for use by skilled persons at their own risk. IES assumes no responsibility for events resulting or damages incurred from its use. The information on this material safety data sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.

Prepared by Technical services  
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END OF MSDS