

MATERIAL SAFETY DATA SHEET

MORTON PAINT COMPANY
U S Chemical & Plastics
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FOR CHEMICAL EMERGENCY SPILL, LEAK, FIRE
EXPOSURE OR ACCIDENT, CALL DAY OR NIGHT
IN USA: CHEMTREC 1-800-424-9300
FOR CANADA CALL COLLECT
CANUTEC 1-613-996-6666

SECTION I - IDENTIFICATION OF PRODUCT

PRODUCT NAME: Rocker Panel & Truck Bed Guard (Satin Black) Aerosol
SYNONYM OR CROSS REFERENCE: Acrylic Lacquer
PRODUCT CODE: (999245), 1420-13

SECTION II - HAZARDOUS INGREDIENTS

<u>INGREDIENTS</u>	<u>WEIGHT %</u>	<u>CAS NUMBER</u>	<u>TLV/PEL</u>
Proprietary Synthetic Resin	10-20%	N/AV	N/E
Dimethyl Ether	20-30%	115-10-6	N/E Suggested TLV 1000 ppm
Methyl Ethyl Ketone	5-10%	78-93-3	PEL: 200 ppm
1-Methoxy-2-Propanol Acetate	1-10%	108-65-6	N/E
Toluene	15-25%	108-88-3	PEL: 100 ppm TLV 50 ppm
Acetone	15-25%	67-64-1	TLV: 500 ppm; PEL 1000 ppm
Silicon Dioxide	1-5%	7631-86-9	TLV: 3 mg/m ³
Carbon Black	1-5%	1333-86-4	TLV: 3 mg/m ³
Propane/Isobutane/n-Butane	5-15%	68476-86-8	TLV: 1000 ppm PEL: 800 ppm

SECTION III - PHYSICAL DATA

APPEARANCE: Black	VAPOR DENSITY: Heavier than air
SPECIFIC GRAVITY: <1	EVAPORATION RATE: (Diethyl Ether = 1) Slower than Diethyl Ether
VAPOR PRESSURE (mmHg): Approx. 50	VOLATILES BY WEIGHT: N/Av
BOILING POINT: N/AV	SOLUBILITY IN WATER: Partially
MELTING POINT: N/AP	VOC: (less water and exempts) < 65% by wgt
	MIR Value: <1.4 Non Flat Paint Products

SECTION IV - FIRE AND EXPLOSION DATA

FLASH POINT: <0 °F/-18°C Seta Flash Closed Cup
LOWER FLAMMABLE LIMIT %: N/Av
UPPER FLAMMABLE LIMIT %: N/AV
FIRE EXTINGUISHING MEDIA: Carbon Dioxide, Dry Chemical, Foam.
SPECIAL FIRE FIGHTING PROCEDURES: Fight like a fuel oil fire. Cool fire exposed containers with water spray. Fire Fighter should wear OSHA/NIOSH approved self-contained breathing apparatus.
UNUSUAL FIRE AND EXPLOSION HAZARD: (Conditions of Flammability) Flammable. Closed containers exposed to high temperatures, such as fire conditions may rupture.

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SECTION V - HEALTH HAZARD/TOXICOLOGICAL PROPERTIES

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OVEREXPOSURE EFFECTS:

ACUTE EFFECTS:

EYES - Contact with eyes can cause irritation, redness, tearing, blurred vision, and/or swelling.

SKIN - Contact with skin can cause irritation, (minor itching, burning and/or redness), Dermatitis, defatting may be readily absorbed through the skin.

INHALATION - Inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache, possible unconsciousness and/or asphyxiation.

INGESTION - Ingestion can cause gastrointestinal irritation, nausea, vomiting, diarrhea. Aspiration of material into lungs may result in chemical pneumonitis which can be fatal. May be toxic.

CHRONIC EFFECTS:

Overexposure to this material has apparently been known to cause the following effects in lab animals: anemia, kidney, brain, lung, cardiac, liver damage.

CARCINOGENIC __ YES X NO
TERATOGEN __ YES X NO
MUTAGEN __ YES X NO

TOLUENE STATEMENT (API STUDY, 1986)
Prolonged breathing of 2,000 ppm Toluene by pregnant rats was toxic to their fetuses (reduced body weight, delayed ossification, skeletal variations, but was not teratogenic

ROUTES OF EXPOSURE: skin contact, inhalation

FIRST AID:

INHALATION -If inhaled, remove victim from exposure to well ventilated area. Make him/her comfortably warm, but not hot. Use oxygen or artificial respiration as required. Consult a physician.

SKIN - For skin contact, wash promptly with soap and excess water. Consult a physician.

EYES - For eye contact, flush promptly with excess water. Consult a physician.

INGESTION - If ingested, do not induce vomiting. Call a physician immediately.

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SECTION VI - REACTIVITY DATA

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STABILITY: Stable

CONDITIONS TO AVOID: Open flames, sparks, heat, electrical and static discharge.

INCOMPATIBILITY MATERIALS TO AVOID: Strong acids, alkalis, oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: Unknown other than Carbon Dioxide, Carbon Monoxide and Carbon, Hydrogen Chloride, Chlorine gas and possible other toxic vapors.

HAZARDOUS POLYMERIZATION: Will not occur.

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SECTION VII - SPILL AND DISPOSAL PROCEDURE

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SPILLS, LEAK OR RELEASE: Ventilate area. Remove all possible sources of ignition. Avoid prolonged breathing of vapor. Contain spill with inert absorbent and clean up with spark-proof tools.

WASTE DISPOSAL: Dispose of in accordance with local, state, and federal regulations.

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SECTION VIII - PROTECTION INFORMATION

RESPIRATORY PROTECTION: If component TLV limits are exceeded, use an air supplied respirator
VENTILATION: Use adequate ventilation in volume and pattern to keep TLV/PEL below recommended levels and flammable limits in air below the level necessary to product explosion or fire. General mechanical ventilation should comply with OSHA 1910.94.
PROTECTIVE GLOVES: To prevent prolonged exposure, use rubber gloves, solvents may be absorbed through the skin.
EYE PROTECTION: Safety Glasses or goggles with splash guards or side shields.
OTHER PROTECTIVE EQUIPMENT: Wear protective clothing as required to prevent skin contact.

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SECTION IX - HANDLING AND STORAGE PRECAUTIONS

STORAGE AND HANDLING: Use with adequate ventilation. Harmful or fatal if swallowed! Extremely flammable. Avoid contact with eyes and skin. Avoid breathing vapors. Do not store the product above 100°F/38°C. Do not flame, cut, braze weld or melt empty containers. Keep the product away from heat, open flame, and other sources of ignition. Avoid contact with strong acids, alkalis and oxidizers.

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SECTION X - ADDITIONAL INFORMATION

SHIPPING INFORMATION: Please comply with DOT regulations in USA

HMIS RATING:

Health	<u>2</u>	4 = Extreme
Fire	<u>4</u>	3 = High
Reactivity	<u>0</u>	2 = Moderate
Personal Protection	- See Section VII	1 = Slight
		0 = Insignificant

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CALIFORNIA PROPOSITION 65:

WARNING: This product contains Toluene, a chemical known to the State of California to cause birth defects or other reproductive harm.

SECTION 313 SUPPLIER NOTIFICATION:

Chemical Name	CAS Number	Weight Percentage
Toluene	108-88-3	15-25%

This information must be included on all MSDS that are copied or distributed.

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ABBREVIATIONS:

IARC =	International Agency for Research on Cancer	N/AV =	Not Available
ACGIH =	American Conference of Governmental Industrial Hygienists	N/AP =	Not Applicable
NIOSH =	National Institute of Occupational Safety and Health	N/E =	Not Established
DOT =	Department of Transportation	NTP =	National Toxicology Program
TLV =	Threshold Limit Value	PEL =	Permissible Emission Level

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REFERENCES

1. ACGIH. Threshold Limit Values and Biological Exposure Indices for 1988-89
2. Material Safety Data Sheets of raw materials
3. Dangerous Properties of Industrial Materials, 7th Edition, N. Irving Sax and Richard J. Lewis.

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DATE REVIEWED: January 12, 2006
DATE REVISED: December 21, 2006
REVISION: Section X

The information in the Material Safety Data Sheet has been compiled from our experience and data presented in various technical publications. It is the user's responsibility to determine the suitability of this information for the adoption of the safety precautions as may be necessary. We reserve the right to revise Material Safety Data Sheets from time to time as new technical information becomes available. The user has the responsibility to contact the Company to make sure that the sheet is the latest one issued.