

MATERIAL SAFETY DATA SHEET

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Chassis Black Primer
Part No. 11194ZP Liquid
Revision 1 January 27, 2006

EMERGENCY OVERVIEW

FLAMMABLE LIQUID. AVOID CONTACT WITH SKIN AND EYES. VAPOR HARMFUL. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL. INGESTION MAY BE HARMFUL OR FATAL.

SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURED FOR:	<i>The Easthill Group dba/ The Eastwood Co. 263 Shoemaker Road Pottstown, PA 19464</i>	SUPPLIER:	<i>The Easthill Group, Inc. 263 Shoemaker Road Pottstown PA 19464 USA</i>
INFORMATION:	<i>USA & Canada 1-800-345-1178 Outside USA (610) 323-2200</i>	INFORMATION:	<i>610-323-2200</i>
EMERGENCY:	<i>Chem-Trec 1-800-424-9300</i>	EMERGENCY:	<i>1-800-424-9300</i>
PRODUCT IDENTIFIER:	<i>11194ZP</i>	SUPPLIER NUMBER:	<i>11194ZP</i>
PRODUCT DESCRIPTION:	<i>Extreme Chassis Black Primer</i>		
PRODUCT TYPE:	<i>Liquid</i>	REVISION NUMBER:	<i>1</i>
CAS NUMBER:	<i>Mixture</i>	REVISION DATE:	<i>April 11, 2005</i>
		PRINT DATE:	<i>January 27, 2006</i>

SECTION 2 COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT	CAS NUMBER	OSHA PEL	NIOSH REL	ACGIH PEL	IDLH	% WT
Xylene	001330-20-7	100 ppm	100 ppm	100 ppm	900 ppm	30-40
Toluene	000108-88-3	200 ppm	100 ppm	50 ppm	500 ppm	20-30
Stoddard Solvent	008052-41-3	500 ppm	350 mg/m3	100 ppm	20 g/m3	< 10
Ethyl Benzene	000100-41-1	100 ppm	100 ppm	100 ppm	800 ppm	< 10
Carbon Black	001333-86-4	3.5 mg/m3	3.5 mg/m3	3.5 mg/m3	1750 mg/m3	< 10

See Section 11 for LD50 and LC50 Species/Route Information.

See Section 15 for Symbol Letters and R Phases.

SECTION 3 HAZARD IDENTIFICATION

ROUTES OF ENTRY:

Skin Contact	☐	Skin Absorption	☐	Eye Contact	☐	Inhalation	☐	Ingestion	☐
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EFFECTS OF ACUTE EXPOSURE

EYE: Liquid contact may cause pain along with moderate eye irritation which may be slow to heal. Vapors may cause irritation.

SKIN: Prolonged or repeated exposure may cause skin irritation, even a burn. Repeated contact may cause drying or flaking of skin. May cause more severe response if confined to skin. Extensive skin contact may cause an intense burning sensation followed by a cold, numb feeling which will subside after contact.

INGESTION: Should ingestion occur, it may cause irritation to membranes of the mouth, throat, and gastrointestinal tract resulting in vomiting and/or cramps.

INHALATION: Prolonged or repeated overexposure is anesthetic. May cause irritation of the respiratory tract, or acute nervous system depression characterized by headache, dizziness, staggering gait, confusion or death.

OTHER HEALTH HAZARD DATA

EFFECTS OF CHRONIC EXPOSURE: Reports have associated repeated and prolonged occupational overexposure to solvents with irreversible brain and nervous system damage (sometimes referred to as "Solvent or Painter's Syndrome"). Intentional misuse by deliberately concentrating and inhaling this product may be harmful or fatal.

Toluene: Reports of chronic poisoning describe anemia, decreased blood cell count and bone marrow hypoplasia. Liver and kidney damage may occur. Exposure may affect a developing fetus.

Chronic effects of ingestion of *Stoddard Solvent* and subsequent aspiration into the lungs may cause pneumatocele (lung cavity) formation and chronic lung dysfunction.

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MEDICAL CONDITIONS AGGRAVATED: May aggravate personnel with pre-existing disorders associated with any of the Target Organs.

PRIMARY HAZARDS: Sensory Irritation (xylene, ethyl benzene, acetone), Narcosis (toluene, stoddard solvent)

CARCINOGEN DATA: Ethyl Benzene is listed with IARC as Class 2B (possible human carcinogen) and with ACGIH as A3 (confirmed animal carcinogen with unknown relevance to humans). Ethyl Benzene is also listed with the State of California as a carcinogen.

Carbon Black is listed with IARC as Class 2B (possible human carcinogen) and is listed with ACGIH as A4 (not classifiable as a human carcinogen). Carbon Black is also listed with the States of California and Minnesota as a known carcinogen.

CALIFORNIA PROP-65 WARNING: This product contains substances known to the State of California to cause cancer, birth defects, and/or other reproductive harm.

TARGET ORGANS: Eyes, skin, respiratory system, central nervous system, reproductive system, kidneys

OSHA HAZARD CLASSIFICATIONS

HEALTH HAZARD CLASSIFICATION				PHYSICAL HAZARD CLASSIFICATION					
Irritant	☐	Sensitizer	☐	Combustible	☐	Explosive	☐	Pyrophoric	☐
Toxic	☐	Highly Toxic	☐	Flammable	☐	Oxidizer	☐	Water Reactive	☐
Corrosive	☐	Carcinogenic	☐	Compressed Gas	☐	Organic Peroxide	☐	Unstable	☐

SECTION 4 FIRST AID MEASURES

INGESTION: Should actual ingestion occur, do not induce vomiting! Drink a glass of water or milk to dilute. Contact a physician. Never give anything by mouth to an unconscious person.

SKIN: Remove with soap and water. Consult a physician if irritation continues.

EYE: Immediately flush with plenty of clear water for at least 15 minutes. Make sure to flush under the eyelids. Consult a physician.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Consult doctor if symptoms persist or if unconscious.

NOTES TO PHYSICIAN: Stoddard Solvent sensitizes the heart to the effects of sympathomimetic amines. Epinephrine and other sympathomimetic drugs may initiate cardiac arrhythmias in individuals exposed. Use of sympathomimetic drugs should be avoided. If ingested, this material presents a significant aspiration and chemical pneumonitis hazard. Induction of emesis is not recommended. Consider activated charcoal and/or gastric lavage. If patient is obtunded, protect the airway by cuffed endotracheal intubation or by placement of the body in a Trendelenburg and left lateral decubitus position.

SECTION 5 FIRE FIGHTING MEASURES

CONDITIONS OF FLAMMABILITY: Heat, sparks, flame, red hot metal

SUITABLE MEANS OF EXTINCTION: Water, CO₂, dry chemical, or universal aqueous film forming foam.

UNSUITABLE EXTINGUISHING MEDIA: N/A

FLASH POINT AND METHOD OF DETERMINATION: N/A

FLAMMABLE LIMITS: Lower (LEL): N/A @ 25 C Upper (UEL): N/A @ 25 C

AUTOIGNITION TEMPERATURE: N/D

HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon

EXPLOSION DATA - SENSITIVITY TO MECHANICAL IMPACT: N/A

EXPLOSION DATA - SENSITIVITY TO STATIC DISCHARGE: N/A

SPECIAL FIRE FIGHTING PROCEDURES: Use water spray to cool fire exposed containers, as contents can rupture violently from heat developed pressure. Firemen should wear self-contained breathing apparatus.

SPECIAL FIRE AND EXPLOSION HAZARDS: N/D

SECTION 6 ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES: Eliminate ignition sources. Handling equipment must be grounded to prevent sparking. Evacuate hazard area of unprotected personnel. Wear appropriate respirator and protective clothing. Shut off source of leak only if safe to do so.

SPILL CLEANUP: Dike and contain. If vapor cloud forms, water fog may be used to suppress; contain all water run-off. Remove with vacuum trucks or pump to storage/salvage vessels. Soak up residue with an absorbent such as clay, sand, or other suitable material. Do not use combustible materials such as sawdust. Place in approved safety containers for proper disposal.

REPORTING REQUIREMENTS: Comply with all applicable governing agencies.

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SECTION 7 HANDLING AND STORAGE

EMPTY CONTAINER WARNING: Empty containers retain residue (liquid and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition; they may explode and cause injury or death. Do not attempt to clean since residue is difficult to remove. Empty drums should be completely drained, properly bunged, and promptly returned to a drum reconditioner. All other containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMIT VALUES: Since this product is a mixture, an exposure value is not available. In determination of any exposure procedures, protection, or testing, use the lowest rated ingredient from Section 2.

ENGINEERING CONTROLS: Ensure air contamination is below that of the lowest PEL rated ingredient from Section 2.

SKIN PROTECTION: For brief contact, no precautions other than clean body-covering clothing should be needed. When prolonged or repeated contact could occur, use protective clothing impervious to the ingredients listed in Section 2.

EYE PROTECTION: Safety glasses with side shields are recommended as a minimum for any type of industrial chemical handling.

RESPIRATORY PROTECTION: Not normally required. If needed, compliance with OSHA standard 29 CFR 1910.134 is necessary.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT:	N/D	MELTING/FREEZING POINT: . . .	N/D
SPECIFIC GRAVITY (H₂O=1): . . .	0.962 g/cc	COEFF. OF WATER/OIL DIST.: . .	N/D
VAPOR PRESSURE:	N/D	pH:	N/D
VAPOR DENSITY:	N/D	EVAPORATION RATE:	N/D
PHYSICAL STATE:	Liquid	WATER SOLUBILITY:	N/D
PERCENT VOLATILE:	67% Wt (69% Vol) Max	VOLATILITY:	5.103 lbs/gal (0.050 g/cc)
PERCENT VOC:	67% Wt (69% Vol) Max	MIR VALUE:	3.545
VISCOSITY:	N/D	ODOR THRESHOLD:	N/D
APPEARANCE:	Black Dull Coating	ODOR:	Paint-like

SECTION 10 STABILITY AND REACTIVITY

CONDITIONS OF INSTABILITY: N/Av

MATERIAL INCOMPATIBILITY: Strong oxidizers

CONDITIONS OF REACTIVITY: Heat, sparks, flame, red hot metal

DECOMPOSITION PRODUCTS: Oxides of carbon and HCl fumes, with a possibility of trace amounts of phosgene.

STABILITY: Stable

HAZARD POLYMERIZATION: Not expected to occur

SECTION 11 TOXICOLOGICAL INFORMATION

LD50 AND LC50 SPECIES/ROUTE INFORMATION:

INGREDIENT	ORAL LD50	DERMAL LD50	INHALATION LC50
Toluene	636 mg/kg, rat	>12 g/kg, rabbit	49 mg/m ³ /4hr, rat
Xylene	2840 mg/kg, rat	4500 mg/kg, rabbit	6300 mg/l /4hr, rat
Stoddard Solvent	N/Av	500 mg/kg, rabbit	N/Av
Ethyl Benzene	3500 mg/kg, rat	15500 mg/kg, rabbit	N/Av
Carbon Black	>8000 mg/kg, rat	N/Av	N/Av

IRRITANCY OF PRODUCT: Xylene is classified as being irritating to the skin. Acetone is irritating to the eyes.

SENSITIZATION TO PRODUCT: N/Av

REPRODUCTIVE TOXICITY: . . . Toluene is listed as a reproductive toxicant.

TERATOGENICITY: N/Av

MUTAGENICITY: N/Av

SYNERGISTIC PRODUCTS: . . . N/Av

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SECTION 12 ECOLOGICAL INFORMATION

ECOTOXICITY:

INGREDIENT	FISH LC50	DAPHNIA EC50	ALGAL IC50	BACTERIAL EC50
Toluene	13 mg/l /96 hr	11 mg/l /48 hr	12 mg/l /72 hr	20 mg/l /30 min
Xylene	14 mg/l /96 hr	165 mg/l /24 hr	N/Av	N/Av
Stoddard Solvent	N/Av	N/Av	N/Av	N/Av
Ethyl Benzene	44 mg/l /24 hr	N/Av	N/Av	N/Av
Carbon Black	>5600 mg/l	>5600 mg/l	>10000 mg/l	N/Av

MOBILITY: N/Av

PERSISTENCE AND DEGRADIBILITY: N/Av

BIOACCUMULATION: N/Av

OTHER ECOLOGIC DATA: Do not allow to enter waters, waste water, or soil.

EFFECT ON THE OZONE LAYER: This product does not contain any ozone depleting ingredients.

SECTION 13 DISPOSAL CONSIDERATIONS

WASTE MANAGEMENT INFORMATION: Hazard characteristics and regulatory waste stream classification can change with product use and location. Accordingly, it is the responsibility of the user to determine the proper storage, transportation, treatment, and/or disposal methodologies for spent materials and residues at the time of disposition. All waste material must be disposed of in compliance with the respective national, federal, state, and/or local regulations.

SECTION 14 TRANSPORTATION INFORMATION

***** FOR QUART PRODUCT ONLY *****

DOT SHIPPING INFORMATION (United States)

PROPER SHIPPING NAME: . Consumer Commodity
HAZARD CLASS: ORM-D
PACKAGING GROUP: None
UN or ID NUMBER: None

ICAO/IATA SHIPPING INFORMATION (International Air)

PROPER SHIPPING NAME: Consumer Commodity
HAZARD CLASS: 9
PACKAGING GROUP: None
UN or ID NUMBER: ID8000

***** FOR GALLON PRODUCT ONLY *****

DOT SHIPPING INFORMATION (United States)

PROPER SHIPPING NAME: . Paint Related Material
HAZARD CLASS: 3
PACKAGING GROUP: II
UN or ID NUMBER: UN1263

ICAO/IATA SHIPPING INFORMATION (International Air)

PROPER SHIPPING NAME: Paint Related Material
HAZARD CLASS: 3
PACKAGING GROUP: II
UN or ID NUMBER: UN1263

***** FOR QUARTS AND GALLONS *****

TDG SHIPPING INFORMATION (Canada)

PROPER SHIPPING NAME: . Paint Related Material
HAZARD CLASS: 3
PACKAGING GROUP: II
UN or ID NUMBER: UN1263

ADR SHIPPING INFORMATION (European Union)

PROPER SHIPPING NAME: Paint Related Material
ADR CLASS: 3
PACKAGING GROUP: II
UN or ID NUMBER: UN1263
CLASSIFICATION CODE: . F1
HAZARD ID NO.: 33

IMDG SHIPPING INFORMATION (International Ocean)

PROPER SHIPPING NAME: . Paint Related Material
CLASS: 3
PACKAGING GROUP: II
SUBSIDIARY RISK(S): -
UN or ID NUMBER: UN1263
PACKING INSTRUCTIONS: . P001
EmS NO.: F-E, S-E
STOWAGE: Category B
MFAG NO.: 310,313

NMFC DESCRIPTION (United States)

ITEM DESCRIPTION: Paint Related Material
ITEM NO.: 149980 Sub 3
CLASS: 55

NORTH AMERICAN EMERGENCY RESPONSE GUIDE

ID NUMBER: 1593
GUIDE NUMBER: 160

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SECTION 15 REGULATORY INFORMATION

UNITED STATES - FEDERAL:

INGREDIENT	CAS NO	TSCA	RCRA	CERCLA	SARA 313	CAA	CWA
Xylene	1330-20-7		U239	100#	32 %	XOV	100#
Toluene	108-88-3		U220	1000#	29 %	XOV	1000#
Stoddard Solvent	8052-41-3		—	—	—	—	—
Ethyl Benzene	100-41-1		U208	1000#	4 %	V	1000#
Carbon Black	1333-86-4		—	—	—	—	—

UNITED STATES - STATES:

INGREDIENT	CA	DE	FL	MA	PA	MN	NJ	NY	WA
Toluene	D	—		2,4,5,6 F7 F8 F9	E	ANO			
Xylene	—	—		2,4 F8 F9	E	ANO			
Stoddard Solvent	—	—		2,4	—	ANO	—	—	
Ethyl Benzene	C			2,4,5,6 F7 F8 F9	E	AO			
Carbon Black	C	—	—	2,4 F5	—	ANOR*	—	—	

CANADA:

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

All of the components in this product are listed on the Domestic Substances List (DSL).

WHMIS Classification: B1, D2A, D2B

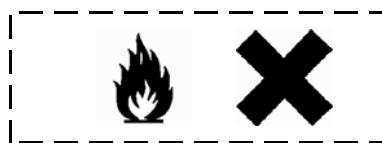
EUROPEAN UNION:

INGREDIENT	EINECS	SYMBOL	RISK PHRASES	SAFETY PHRASES
Toluene	203-625-9	F, Xn	11	16-25-29-33
Xylene	215-535-7	F, Xn	10-20/21-38	25
Stoddard Solvent	232-489-3	Xn	65	23-24-62
Ethyl Benzene	202-849-4	F, Xn	11-20	16-24/25-29
Carbon Black	215-609-9	—	—	—

SECTION 16 OTHER INFORMATION



Canadian Hazard Symbols



European Hazard Symbols

HMIS and NFPA RATINGS:

	HEALTH	FLAMMABILITY	REACTIVITY	SPECIAL
HMIS RATING	3	4	1	X
NFPA RATING	3	4	1	-

R and S PHASES (European Union):

CODE	RISK or SAFETY PHRASE
R12	Extremely Flammable
R20/21	Harmful by inhalation and in contact with skin
R38	Irritating to skin
R65	Harmful: may cause lung damage if swallowed
R66	Repeated exposure may cause skin dryness or cracking
R67	Vapours may cause drowsiness and dizziness
S2	Keep out of the reach of children
S9	Keep container in a well-ventilated place
S16	Keep away from sources of ignition – No smoking
S23	Do not breathe vapour
S24/25	Avoid contact with skin and eyes
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

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CODE	RISK or SAFETY PHRASE
S29	<i>Do not empty into drains</i>
S33	<i>Take precautionary measures against static discharge</i>
S62	<i>If swallowed do not induce vomiting; seek medical advise immediately</i>

DISCLAIMER OF LIABILITY:

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REVISIONS:

Revision 1 - 04/11/2005 Original