

MATERIAL SAFETY DATA SHEET

CA 8211/F36173 Desothane HS Camouflage Gray
FM11086

Effective Date: 03/08/02

SECTION I - MANUFACTURER AND PRODUCT INFORMATION

PRC-DeSoto International, Inc.
A PPG Industries Company
5430 San Fernando Road
P.O. Box 1800
Glendale, CA 91209

Information Phone: (818) 240-2060
Emergency Phone: (800) 228-5635
CHEMTREC: (800) 424-9300

Trade Name: CA 8211/F36173 Desothane HS Camouflage Gray

Base component	HMIS HAZARD RATING
Product Code: FM11086	HEALTH - 2
Form ID No: B06	FLAMMABILITY - 3
Product Class: Polyester resin in solvents	REACTIVITY - 0
Synonyms:	PPE - H
	None(0)--->Extreme(4)

SECTION II - COMPOSITION

INGREDIENTS INFORMATION

CAS NUMBER	Wt %	CHEMICAL IDENTITY
007727-43-7	10 - 30	Barium Sulfate
000110-43-0	10 - 30	Methyl Amyl Ketone
000078-93-3	10 - 30	Methyl Ethyl Ketone
069929-19-7	10 - 30	Polyester resins
013463-67-7	1 - 10	Titanium Dioxide @
112926-00-8	1 - 10	Amorphous Silicon Dioxide
000123-54-6	1 - 10	2,4-Pentanedione
Notknown002	< 5	Polyester Polyol
108419-33-6	< 5	Isononyl Acetate
035484-93-6	< 5	2-Oxepanone, Polymer with 2,2-Bis (Hydroxymethyl)-1
000108-65-6	< 5	1-Methoxy-2-Propanol Acetate
000108-83-8	< 5	2,6-Dimethyl-4-Heptanone
001333-86-4	< 2	Carbon Black

EXPOSURE LIMITS

CAS NUMBER	EXPOSURE LIMITS (ppm)				S
	ACGIH TLVs		OSHA PELs		
	TWA	STEL	TWA	STEL	
007727-43-7	10 mg/m3	N/E	10 mg/m3	N/E	S
000110-43-0	50	N/E	100	N/E	S
000078-93-3					

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	200	300	200	300	S
069929-19-7	N/Av	N/Av	N/Av	N/Av	
013463-67-7	10 mg/m3	N/E	10 mg/m3	N/E	S
112926-00-8	N/E	N/E	N/E	N/E	
000123-54-6	20	N/E	N/E	N/E	R
Notknown002	N/E	N/E	N/E	N/E	
108419-33-6	50	N/E	50	N/E	R
035484-93-6	N/E	N/E	N/E	N/E	
000108-65-6	N/E	N/E	N/E	N/E	
000108-83-8	25	N/E	25	N/E	S
001333-86-4	3.5 mg/m3	N/E	3.5 mg/m3	N/E	S

Footnotes

- (S) Occupational Exposure Standard
(R) Supplier's Recommended Limit

N/Av = Not Available

N/Av = Not Applicable

N.E. = Not Established

NotknownXXX = CAS Number is not known.

SECTION III - HAZARDS IDENTIFICATION

Permissible Exposure Limits for Product:

Not established for product. See Section II.

ROUTE OF ENTRY AND EFFECTS OF OVEREXPOSURE

ROUTE OF ENTRY:

Inhalation and dermal.

INHALATION:

Vapor and mist will irritate nose, throat and respiratory tract.
High vapor concentration may cause dizziness, drowsiness and fatigue.

EYE CONTACT:

Vapor, mist or liquid is severely irritating to eyes and cause blurred vision, redness and tearing.

SKIN CONTACT:

Liquid can cause severe skin irritation with drying, defatting, splitting and cracking on repeated contact.

INGESTION:

Liquid can cause irritation of gastro-intestinal tract followed by nausea and vomiting, abdominal discomfort, and rapid pulse.

DELAYED EFFECTS:

Repeated overexposure may cause central nervous systems depression,

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and kidney/liver damage.

Contains an ingredient listed as known or suspected carcinogen?

NTP: No OSHA: No IARC: Yes

SECTION IV - FIRST AID MEASURES

INHALATION:

If inhaled, remove from area to fresh air. If not breathing, give artificial respiration. Get immediate medical attention. If breathing is difficult, transport to medical facility and, if available, give supplemental oxygen.

EYE CONTACT:

For eye contact, immediately flush eyes for at least 15 minutes with running water. Hold eyelids apart to ensure rinsing of the entire eye surface and lids with water. Get immediate medical attention.

SKIN CONTACT:

For skin contact, wipe excess material with dry towel. Then wash exposed areas with plenty of water, and soap if available, for several minutes. Get medical attention if irritation occurs.

INGESTION:

If swallowed dilute by giving two(2) glasses of water to drink. Get immediate medical attention. Never give anything by mouth to an unconscious person.

GENERAL:

In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

SECTION V - FIRE AND EXPLOSION HAZARD IDENTIFICATION

FLASHPOINT: 80 F 26.66 C Method: Setaflash

LEL (%): N/Av UEL (%): N/Av

FLAMMABILITY CLASSIFICATION:

Flammable

FIRE AND EXPLOSION HAZARDS:

Decomposition and combustion products may be hazardous. High temperatures may cause pressure build-up in closed containers. Vapors may accumulate in inadequately ventilated or confined areas. Vapors may form explosive mixture with air. Vapors are heavier than air and may travel long distances. Flashback or flame to the

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handling site may occur. Closed containers may explode when exposed to extreme heat.

EXTINGUISHING MEDIA:

Carbon dioxide, dry chemical, foam.

FIRE FIGHTING PROCEDURES:

Water spray may be ineffective. Cool fire exposed containers with water. Fog nozzles are preferable. Wear NIOSH/MSHA approved self-contained breathing apparatus and complete protective clothing to prevent contact with skin and eyes.

SECTION VI - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Remove all ignition sources. Wear an air-supplied respirator for an unventilated spill. Cover with absorbent. Scoop into containers using non-sparking tools. Clean up residue with a suitable cleaning solvent. Wear appropriate personal protective equipment (See Section VIII).

SECTION VII - HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Keep container tightly closed . Isolate from heat, electrical equipment, sparks and flame. Use grounding and bonding procedures during transfer. Do not store above 120 degrees F. Vapors of this product are heavier than air and may collect in low or confined areas. Empty drums may contain explosive vapors. Do not cut, puncture, or weld on or near drum. Wear proper personal protective equipment (See Section VIII). Wash thoroughly after handling and before smoking or eating.

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SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:

Local and/or general ventilation as required to maintain hazardous ingredients below recommended (ACGIH-TLV) or regulated (OSHA-PEL) limits.

RESPIRATORY PROTECTION:

When spraying or applying in any circumstances likely to produce airborne levels of solvent vapors in excess of the TLV, use an organic vapor cartridge or air-supplied respirator.

EYE PROTECTION:

Chemical goggles or full-face shield.

SKIN PROTECTION:

Solvent resistant gloves.

GENERAL:

Safety shower, eye wash station and washing facilities should be available. When using in circumstances where skin contact is likely, use complete protective garments.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Gray
Physical State:	Liquid
Low Boiling Point:	N/Av
High Boiling Point:	N/Av
Evaporation Rate:	Slower than n-butyl acetate
Vapor Density:	Heavier than air
% Volatiles by Volume:	57.24
Specific Gravity:	1.27
Liquid Density:	Heavier than water
Weight Per Gallon:	10.65
VOC (GR/L):	484
VOC (GR/L, Combined):	420

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SECTION X - STABILITY AND REACTIVITY

STABILITY:

Stable.

HAZARDOUS POLYMERIZATION:

Will not occur.

INCOMPATIBILITY:

Strong oxidizing agents, acids, alkalies, and water.

CONDITIONS TO AVOID:

See incompatibilities above.

HAZARDOUS DECOMPOSITION PRODUCTS:

Products of combustion are hazardous including carbon monoxide,
carbon dioxide, and oxides of nitrogen.

SECTION XI - TOXICOLOGICAL INFORMATION

ACUTE ORAL, DERMAL AND INHALATION EFFECTS (LD50 AND LC50):

CAS NUMBER	LD50	LC50
007727-43-7	N/AV.	N/AV.
000110-43-0	1670 mg/kg,oral, rat	2000 ppm, rat, 4hr.
000078-93-3	2740 mg/kg,oral, rat	11700 ppm, rat, 4hr.
069929-19-7	N/Av	N/Av
013463-67-7	7500 mg/kg,oral, rat	N/AV.
112926-00-8	N/AV.	N/AV.
000123-54-6	55 mg/kg,oral, rat	1000 ppm, rat, 4hr.
Notknown002	N/AV.	N/AV.
108419-33-6	N/AV.	N/AV.
035484-93-6	N/AV.	N/AV.
000108-65-6	9570 mg/kg, oral, rat	4350 ppm, rat
000108-83-8	5800 mg/kg,oral, rat	N/AV.
001333-86-4	440 mg/kg,oral, rat	6750 mg/m3, rat, 4hr.

Carcinogenicity:

Carbon Black:

Based on an IARC conclusion that there is "sufficient evidence in experimental animals for the carcinogenicity of carbon black" and inadequate evidence of carcinogenicity in humans. IARC's overall evaluation is that "carbon black is possibly carcinogenic to humans" (Group 2B).

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Carbon black has not been listed as a carcinogen by National Toxicology Program (NTP) or the Occupational Safety and Health Administration (OSHA). The National Institute of Occupational Safety & Health (NIOSH) criteria document on carbon black recommends that only carbon blacks with PAH levels greater than 0.1% be considered suspect carcinogens.

NOTICE:

There are no data available on the product itself.

SECTION XII - ECOLOGICAL INFORMATION

NOTICE:

There are no data available on the product itself.

SECTION XIII - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD:

When disposing of this material, ensure that it is packaged, stored, transported, and otherwise handled in accordance with local, state, and federal regulations.

EPA WASTE NUMBERS:

D-001 (Ignitable)

SECTION XIV - TRANSPORT INFORMATION

DOT (Non-Bulk):

PROPER SHIPPING NAME: Paint
HAZARD CLASS: 3
UN NUMBER: UN 1263
PACKING GROUP: III
LABEL: Flammable liquid

SPECIAL NOTES:

None

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SECTION XV - REGULATORY INFORMATION

TSCA Section 8(b) - Inventory Status:

All ingredients in this product are listed in the TSCA Inventory or are exempt from listing.

CANADIAN EPA - DSL Inventory Status:

The DSL status of this product is unknown at this time.

SARA Title III Section 313 - Toxic Chemical List (TCL):

This product contains a toxic chemical for routine annual "Toxic Chemical Release Reporting" under Section 313 (40 CFR 372). This information must be included in all MSDS's copied or distributed for this product.

000078-93-3 Methyl Ethyl Ketone
007727-43-7 Barium Sulfate

SARA Title III Section 302 - CERCLA:

This product contains the following chemicals regulated under Section 302 as extremely hazardous substance(s) for emergency release notification (CERCLA List).

000078-93-3 Methyl Ethyl Ketone 5000

CALIFORNIA PROPOSITION 65 - Reportable ingredients:

Chemicals known by the state of CA to cause cancer:

This product contains the following chemical which is known to the state of California to cause cancer.

014808-60-7 Crystalline Silica Quartz

Chemicals known by the state of CA to cause reproductive toxicity:

This product contains the following chemical which is known to the state of California to cause reproductive toxicity.

000108-88-3 Toluene

TSCA Section 12(b) - Export Notification:

This product contains following chemical that required annual or one time export notification per chemical and per country.

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000108-10-1	Methyl Isobutyl Ketone
000123-54-6	2,4-Pentanedione
000123-86-4	n-Butyl Acetate
127519-17-9	4-Hydroxybenzene Propanoic Acid, C7-9-Branched Alkyl Esters

CLEAN AIR ACT - Hazardous Air Pollutants (CAA Section 112):

This product contains the following chemicals regulated under Section 112 for National Emission Standards of Hazardous Air Pollutants notification.

000078-93-3	Methyl Ethyl Ketone
000108-10-1	Methyl Isobutyl Ketone
000108-88-3	Toluene
001330-20-7	Xylene

Pennsylvania Right to Know - Reportable Ingredients:

The following is required composition information. Also, review Section II for additional information for other chemicals.

000078-93-3	Methyl Ethyl Ketone
000108-83-8	2,6-Dimethyl-4-Heptanone
000108-88-3	Toluene
000110-43-0	Methyl Amyl Ketone
000123-54-6	2,4-Pentanedione
000123-86-4	n-Butyl Acetate
001330-20-7	Xylene
001333-86-4	Carbon Black
007727-43-7	Barium Sulfate
013463-67-7	Titanium Dioxide @

New Jersey Right to Know - Reportable Ingredients:

The following is required composition information. Also, review Section II for additional information for other chemicals.

000078-93-3	Methyl Ethyl Ketone
000108-83-8	2,6-Dimethyl-4-Heptanone
000110-43-0	Methyl Amyl Ketone
000123-54-6	2,4-Pentanedione
001333-86-4	Carbon Black
013463-67-7	Titanium Dioxide @

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SECTION XVI - OTHER INFORMATION

Effective Date: 03/08/02 Supersedes Date: 02/27/2001

Revision Number: 04

Revision Reason: Formula Update & Name Correction

The information in this MSDS was obtained from sources which we believe to be reliable. However, since much of the information has been received from sources outside the company, it is provided without any warranty, expressed or implied, regarding its correctness, or suitability for specific situations. The conditions of handling, storage, use, and disposal of this product are beyond our control and may be beyond our knowledge. The user has the sole responsibility to determine the suitability of the material for any use, and the manner and conditions of use. Therefore, we cannot assume responsibility and expressly disclaim liability for loss, damage, injury, or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. Effects can be aggravated by other materials and/or this material may aggravate or add to the effects of other materials.

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