

COMPANY IDENTITY: PPG/PORTER PAINTS
PRODUCT IDENTITY: 5143 PORTER HEAVY DUTY THINNER
NEW MSDS DATE: 05/06/2003

DATE: 05/06/03
PAGE 1 OF 7

MATERIAL SAFETY DATA SHEET

This Material Safety Data Sheet conforms to the requirements of ANSI Z400.1.
THIS MSDS COMPLIES WITH 29 CFR 1910.1200 (HAZARD COMMUNICATION STANDARD)
IMPORTANT: Read this MSDS before handling & disposing of this product.
Pass this information on to employees, customers, & users of this product.

SECTION 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

PRODUCT IDENTITY: 5143 PORTER HEAVY DUTY THINNER
COMPANY IDENTITY: PPG/PORTER PAINTS
COMPANY ADDRESS: 400 S. 13TH STREET
COMPANY CITY: LOUISVILLE, KY 40203
COMPANY PHONE: 1-502-588-9200
CHEMTREC PHONE: 1-800-424-9300

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

CONTAINS: 40-50% HEAVY AROMATIC SOLVENT NAPHTHA (*64742-94-5),
35-45% LIGHT AROMATIC SOLVENT NAPHTHA (*64742-95-6),
10-15% 1,2,4-TRIMETHYLBENZENE (95-63-6)[265-198-5]
Number in parentheses is CAS #, number in brackets is European EC #.

514301

SECTION 3. HAZARDS IDENTIFICATION

RISK STATEMENTS:

R10a Combustible (North America). Flammable (elsewhere).
R36/37/38 Irritating to eyes, respiratory system and skin.
R20/65 Harmful by inhalation, may cause lung damage if swallowed.

SAFETY STATEMENTS:

S26 In case of contact with eyes, rinse immediately with
plenty of water and seek medical advice.

COMPANY IDENTITY: PPG/PORTER PAINTS
PRODUCT IDENTITY: 5143 PORTER HEAVY DUTY THINNER
NEW MSDS DATE: 05/06/2003

DATE: 05/06/03
PAGE 2 OF 7

SECTION 4. FIRST AID MEASURES

EYE CONTACT:

For eyes, flush with plenty of water for 15 minutes & get medical attention.

SKIN CONTACT:

In case of contact with skin immediately remove contaminated clothing.
Wash thoroughly with soap & water. Wash contaminated clothing before reuse.

INHALATION:

After high vapor exposure, remove to fresh air. If breathing is difficult, give oxygen. If breathing has stopped give artificial respiration.

SWALLOWING:

If swallowed, CALL A PHYSICIAN IMMEDIATELY! Do NOT induce vomiting. Have patient lie down & keep warm. Vomiting may lead to pneumonitis, which may be fatal.

514301

SECTION 5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

NFPA Class B extinguishers(Carbon Dioxide or foam)for Class II liquid fires.

SPECIAL FIRE FIGHTING PROCEDURES

Water spray may be ineffective on fire but can protect fire-fighters & cool closed containers. Use fog nozzles if water is used.
Do not enter confined fire-space without full bunker gear.
(Helmet with face shield,bunker coats, gloves & rubber boots).
Use NIOSH approved positive-pressure self-contained breathing apparatus.

UNUSUAL EXPLOSION AND FIRE PROCEDURES

COMBUSTIBLE!

Keep container tightly closed.
Isolate from oxidizers, heat, & open flame.
Closed containers may explode if exposed to extreme heat.
Applying to hot surfaces requires special precautions.
Empty container very hazardous! Continue all label precautions!

SECTION 6. ACCIDENTAL RELEASE MEASURES

CONTAINMENT TECHNIQUES

Stop spill at source. Dike area & contain.

CLEAN-UP PROCEDURES:

Clean up remainder with absorbent materials. Mop up & dispose of.

COMPANY IDENTITY: PPG/PORTER PAINTS
PRODUCT IDENTITY: 5143 PORTER HEAVY DUTY THINNER
NEW MSDS DATE: 05/06/2003

DATE: 05/06/03
PAGE 3 OF 7

SECTION 7. HANDLING AND STORAGE

HANDLING

Isolate from oxidizers, heat, & open flame.
Use only with adequate ventilation. Avoid breathing of vapor or spray mist.
Avoid contact with skin & eyes.
Wear OSHA Standard goggles or face shield. Consult Safety Equipment Supplier.
Wear gloves, apron & footwear impervious to this material. Wash clothing before reuse.
Avoid free fall of liquid. Ground containers when transferring. Do not flame cut, braze, or weld. Empty container very hazardous! Continue all label precautions!

STORAGE

Do not store above 49 C/120 F. Store large amounts in structures made for OSHA Class II liquids
Keep container tightly closed
& upright when not in use to prevent leakage.

514301 SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

EXPOSURE CONTROLS

None necessary.

VENTILATION

LOCAL EXHAUST	: Necessary
MECHANICAL (GENERAL)	: Acceptable
SPECIAL	: None
OTHER	: None

PERSONAL PROTECTIONS:

Wear OSHA Standard goggles or face shield. Consult Safety Equipment Supplier.
Wear gloves, apron & footwear impervious to this material. Wash clothing before reuse.

WORK & HYGIENIC PRACTICES:

Provide readily accessible eye wash stations & safety showers.
Wash at end of each workshift & before eating, smoking or using the toilet.
Promptly remove clothing that becomes contaminated. Destroy contaminated leather articles. Launder or discard contaminated clothing.

COMPANY IDENTITY: PPG/PORTER PAINTS
PRODUCT IDENTITY: 5143 PORTER HEAVY DUTY THINNER
NEW MSDS DATE: 05/06/2003

DATE: 05/06/03
PAGE 4 OF 7

SECTION 9. PHYSICAL DATA

APPEARANCE : Liquid,Water-White
ODOR : Aromatic
BOILING RANGE : 168 181 201 C / 336 359 394 F
AUTO IGNITION TEMPERATURE : 454 C / 850 F (Lowest Component)
LOWER FLAMMABLE LIMIT IN AIR (% by vol): 1.0
FLASH POINT (TEST METHOD): 50 C / 123 F (TCC)
FLAMMABILITY CLASSIFICATION: Class II
GRAVITY @ 60 F :
API : 27.8
SPECIFIC GRAVITY (Water=1) : 0.888
POUNDS/GALLON : 7.397
VOC'S (>0.44 Lbs/Sq In) : 0.0 Vol. % / 0.0 g/L / 0.000 Lbs/Gal
TOTAL VOC'S (TVOC) : 100.0 Vol. % / 888.0 g/L / 7.397 Lbs/Gal
NONEXEMPT VOC'S (CVOC) : 100.0 Vol. % / 888.0 g/L / 7.397 Lbs/Gal
HAZARDOUS AIR POLLUTANTS (HAPS) : 14.6 Wt. % / 0.0 g/L / 0.000 Lbs/Gal
VAPOR PRESSURE (mm of Hg)@20 C 1.5
NONEXEMPT VOC PARTIAL PRESSURE (mm of Hg @ 20 C) 1.5
VAPOR DENSITY (air=1) : 4.4
WATER ABSORPTION : Negligible
REFRACTIVE INDEX : 1.507

SECTION 10. STABILITY & REACTIVITY

STABILITY

Stable

CONDITIONS TO AVOID

Isolate from oxidizers, heat, & open flame.

MATERIALS TO AVOID

Isolate from strong oxidizers such as permanganates,chromates & peroxides.

HAZARDOUS DECOMPOSITION PRODUCTS

Carbon Monoxide, Carbon Dioxide from burning.

HAZARDOUS POLYMERIZATION

Will not occur.

514301

SECTION 11. TOXICOLOGICAL INFORMATION

MATERIAL	CAS #	TWA (OSHA)	TLV (ACGIH)	HAP
Heavy Aromatic Solvent Naphtha	*64742-94-5	100 ppm	5 mg/m3	No
Light Aromatic Solvent Naphtha	*64742-95-6	100 ppm	25 ppm	No
1,2,4-Trimethylbenzene	95-63-6	25 ppm	25 ppm	Yes

In addition to EPA Hazardous Air Pollutants showing 'Yes' under "HAP" above, using manufacturers' data, based on EPA Method 311, the following EPA Hazardous Air Pollutants may be present in trace amounts (less than 0.1%):
Mixed Xylenes,Ethylbenzene,Naphthalene

COMPANY IDENTITY: PPG/PORTER PAINTS
PRODUCT IDENTITY: 5143 PORTER HEAVY DUTY THINNER
NEW MSDS DATE: 05/06/2003

DATE: 05/06/03
PAGE 5 OF 7

514301 SECTION 11. TOXICOLOGICAL INFORMATION (CONTINUED)

MATERIAL	CAS #	CEILING	STEL (OSHA/ACGIH)
		None Known	None Known

ACUTE HAZARDS

EYE & SKIN CONTACT:

Primary irritation to skin, defatting, dermatitis.
Primary irritation to eyes, redness, tearing, blurred vision.
Liquid can cause eye irritation. Wash thoroughly after handling.

INHALATION:

Anesthetic. Irritates respiratory tract. Acute overexposure
can cause serious nervous system depression. Vapor harmful.

SWALLOWING:

Harmful or fatal if swallowed.
Swallowing can cause abdominal irritation, nausea, vomiting & diarrhea.

SUBCHRONIC HAZARDS/CONDITIONS AGGREGATED

CONDITIONS AGGREGATED

Persons with severe skin, liver or kidney problems should avoid use.

CHRONIC HAZARDS

CANCER, REPRODUCTIVE & OTHER CHRONIC HAZARDS:

Lung tumors have been reported in laboratory mice.
Leukemia been reported in humans from Benzene.
This product contains less than 24 ppm of Benzene.
Not considered hazardous in such low concentrations.
Absorption thru skin may be harmful.

COMPANY IDENTITY: PPG/PORTER PAINTS
PRODUCT IDENTITY: 5143 PORTER HEAVY DUTY THINNER
NEW MSDS DATE: 05/06/2003

DATE: 05/06/03
PAGE 6 OF 7

SECTION 12. ECOLOGICAL INFORMATION

MAMMALIAN INFORMATION:

No mammalian information is available on this product.

AQUATIC ANIMAL INFORMATION:

The most sensitive known aquatic group to any component of this product is:
Fish are adversely affected by components of this product.

MOBILITY

This material is a mobile liquid.

DEGRADABILITY

This product is nonbiodegradable.

ACCUMULATION

This product does not accumulate or biomagnify in the environment.

SECTION 13. DISPOSAL CONSIDERATIONS

Recycle / dispose of observing national, regional, state, provincial and local health, safety & pollution laws.
If questions exist, contact the appropriate agencies.

SECTION 14. TRANSPORT INFORMATION

DOT SHIPPING NAME: BULK: Paint Related Material, Combustible liquid, UN1263, PG-III
Combustible liquid. Not DOT regulated on trucks in containers of < 119 gallons.
DRUM LABEL: None (Combustible Liquid)
IATA / ICAO: Paint Related Material, 3, UN1263, PG-III
IMO / IMDG: Paint Related Material, 3, UN1263, PG-III
EMERGENCY RESPONSE GUIDEBOOK NUMBER: 128

514301

SECTION 15. REGULATORY INFORMATION

EPA REGULATION:

SARA SECTION 311/312 HAZARDS: Acute Health, Fire

All components of this product are on the TSCA list.

SARA Title III Section 313 Supplier Notification

This product contains the indicated <*> toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning & Community Right-To-Know Act of 1986 & of 40 CFR 372. This information must be included in all MSDSs that are copied and distributed for this material.

COMPANY IDENTITY: PPG/PORTER PAINTS
PRODUCT IDENTITY: 5143 PORTER HEAVY DUTY THINNER
NEW MSDS DATE: 05/06/2003

DATE: 05/06/03
PAGE 7 OF 7

514301 SECTION 15. REGULATORY INFORMATION (CONTINUED)

SARA TITLE III INGREDIENTS	CAS#	WT. % (REG. SECTION)	RQ(LBS)
Heavy Aromatic Solvent Naphtha	*64742-94-5	<50 (311,312)	None
Light Aromatic Solvent Naphtha	*64742-95-6	<50 (311,312)	None
*1,2,4-Trimethylbenzene	95-63-6	<20 (311,312,313,RCRA)	None

INTERNATIONAL REGULATIONS

The components of this product are listed on the chemical inventories of the following countries:
Australia, Canada, Europe (EINECS), Japan, Korea, United Kingdom.

SECTION 16. OTHER INFORMATION

HAZARD RATINGS:
HEALTH (NFPA): 2
HEALTH (HMIS): 2
FLAMMABILITY: 2
REACTIVITY: 0

This information is intended solely for the use of individuals trained in the NFPA & HMIS hazard rating systems.

EMPLOYEE TRAINING

Employees should be made aware of all hazards of this material (as stated in this MSDS) before handling it.

NOTICE

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