

3E Company

3207 Grey Hawk Court, Suite 200

Carlsbad, CA 92010

U.S. Toll Free: 1-800-451-8346 or 1-760-602-8703

North America: 1-800-931-0537/Mexico 00-1-800-931-0537 or 1-760-602-8822

Fax: 1-760-602-8888

Email: msds@3ecompany.com

**Material Safety Data Sheet
Transmittal Form**

June 15, 2019

Request #: 327845

Processed By: agarcia

Recipient:

ANDY GRUBER

Email: AGruber@bergeys.com

Requester:

ANDY GRUBER

EMPLOYEE

Email: AGruber@bergeys.com

Phone: 215-799-3502

Thank you for using 3E's MSDS Paperless Compliance™ service. This service may eliminate the requirement to maintain MSDS on site. Below is a list of the MSDS you requested. Please verify that the MSDS sheet(s) enclosed/attached match what you have ordered.

The information contained in this facsimile transmission is intended only for the use of the individual or entity named above and is privileged and confidential. If you are not the intended recipient, please do not read, copy, use or disclose this communication to others. Any dissemination, distribution or copying of this information other than to the person or entity named above is strictly prohibited. If you have received this facsimile in error, you should shred this information.

3E COMPANY does not develop, prepare, or review the contents of any MSDS; the MSDS is prepared by the manufacturer. The statements, technical information and recommendations contained herein are transmitted without warranty or guarantee of any kind, expressed or implied, by 3E COMPANY. Furthermore, 3E COMPANY assumes no responsibility for any loss, damage, or expense, direct or consequential, arising out of their use.

PID/VID	Manufacturer ORDERED/Actual	Product Name ORDERED/Actual	UPC	Item
v11035435	PPG/PPG Industries Inc.	SX 394 LOW VOC CLEANER/1.4 Low VOC Cleaner	000	
v7195841	ECP INC./ECP Inc	TEC 258 BRAKE-R/TEC258 Brake-R Non-Acid Tire & Wheel Cleaner	000	
v11162238	31 INCORPORATED/31 Incorporated / Group 31, Inc.	XTRA SEAL INNER SEAL LINER SEALANT/Inner Liner Sealer	000	
v7545640	CREST/Crest East Coast	X-100 SILICONE PASTE LUBRICANT/Silicone Paste Lubricant	X-100	

END OF ORDER DETAIL - Request# 327845



3E Company is North American's leader in hazardous materials information management. 3E simplifies compliance for over 75,000 business locations worldwide. Services include: MSDS on Demand, 3E On-line, Government Disclosures, Hazmat Transportation Services, Emergency Response and Chemical Spill/Exposure Hotlines. For more information call **1-800-360-3220 or 1-760-602-8700 or visit us at www.3ecompany.com**

Material Safety Data Sheet

Request For Missing Information Form

June 15, 2019

Request #: 327845
Processed By: agarcia

Recipient:

ANDY GRUBER

Email: AGruber@bergeys.com

Requester:

ANDY GRUBER

EMPLOYEE

Email: AGruber@bergeys.com

Phone: 215-799-3502

The following product(s) have been excluded from your request due to insufficient information. At your earliest convenience, please complete the requested information and resubmit to 3E Company. We will process the request upon receipt.

Products Requiring Additional Information:

Requested Information

Please verify the product full label name(please include the color) & provide the 12 digit UPC barcode and product number # . Thank you.

Product Requested:

PLASTIC-KOTE BRAKE CALIPER PAINT

UPC:**Full Label Name:****Name of Manufacturer:**

PLAST-KOTETM CO., INC.

Manufacturer Product# (not SKU #):**City, State, Phone# of Manufacturer:****Requested Information**

Please verify the product full label name (include color) & provide the 12 digit UPC barcode # . Thank you.

Product Requested:

PLASTIC-KOTE TRACTOR & IMPLEMENT

UPC:**Full Label Name:****Name of Manufacturer:**

PLAST-KOTETM CO., INC.

Manufacturer Product# (not SKU #):**City, State, Phone# of Manufacturer:****Requested Information**

Please verify the product full label name(include any numbers on item) & provide the 12 digit UPC barcode # . Thank you.

Product Requested:

PREMIUM LIGHTWEIGHT FILLER

UPC:**Full Label Name:****Name of Manufacturer:**

ILLINOIS TOOL WORKS INC

Manufacturer Product# (not SKU #):**City, State, Phone# of Manufacturer:****Please FAX, Phone, or Mail this Information to 3E Company**

3E COMPANY, 1905 Aston Avenue ste. 100, Carlsbad, CA 92008-7307 Ph: (760)602-8700 FAX: (760)602-8888

Products Requiring Additional Information:

Requested Information Please verify the product full label name & provide the 12 digit UPC barcode # .

Thank you.

Product Requested: PS-D1 AND ND-OIL 12 A/C COMPRESSOR OILS

UPC:

Full Label Name:

Name of Manufacturer: MOPAR

Manufacturer Product# (not SKU #):

City, State, Phone# of Manufacturer:

Requested Information Please verify the product full label name & provide the 12 digit UPC barcode # .

Thank you.

Product Requested: REAR DIFFERENTIAL CLUTCH FLUID SAE 75W-90 GL-4

UPC:

Full Label Name:

Name of Manufacturer: AC DELCO

Manufacturer Product# (not SKU #):

City, State, Phone# of Manufacturer:

Requested Information Please provide the 12 digit UPC barcode # . Thank you.

Product Requested: RUST ELIMINATOR AND LUBE

UPC:

Full Label Name:

Name of Manufacturer: KTB

Manufacturer Product# (not SKU #):

City, State, Phone# of Manufacturer:

Requested Information Please provide complete manufacturer name, city, state & phone # In addition
Please verify the product full label name & provide the 12 digit UPC barcode # .

Product Requested: SAFE SALT MELT

Thank you.

UPC:

Full Label Name:

Name of Manufacturer: MORTON

Manufacturer Product# (not SKU #):

City, State, Phone# of Manufacturer:

Requested Information Please provide complete manufacturer name, city, state & phone # (Snyder is
distributor not the manufacture) In addition Please verify the product full label name

Product Requested: SDI H-CLD & provide the 12 digit UPC barcode # . Thank you.

UPC:

Full Label Name:

Name of Manufacturer: SNYDER DISTRIBUTORS INC.

Manufacturer Product# (not SKU #):

City, State, Phone# of Manufacturer:



3E Company is North American's leader in hazardous materials information management. 3E simplifies compliance for over 75,000 business locations worldwide. Services include: MSDS on Demand, 3E On-line, Government Disclosures, Hazmat Transportation Services, Emergency Response and Chemical Spill/Exposure Hotlines. For more information call

(800) 360-3220 or visit us at www.3ecompany.com

Products Requiring Additional Information:

Requested Information

Please provide complete manufacturer name, city, state & phone # (Snyder is distributor not the manufacture) In addition Please verify the product full label name & provide the 12 digit UPC barcode # . Thank you.

Product Requested:**UPC:****Full Label Name:****Name of Manufacturer:**

SNYDER DISTRIBUTORS INC.

Manufacturer Product# (not SKU #):**City, State, Phone# of Manufacturer:****Requested Information**

Please verify the product full label name & provide the 12 digit UPC barcode # . Thank you.

Product Requested:**UPC:****Full Label Name:****Name of Manufacturer:**

ARDEX

Manufacturer Product# (not SKU #):**City, State, Phone# of Manufacturer:****Requested Information**

Please verify the product full label name,spelling(include if diesel? or other label information) & provide the 12 digit UPC barcode # . Thank you.

Product Requested:**UPC:****Full Label Name:****Name of Manufacturer:**

MORTORCRAFT

Manufacturer Product# (not SKU #):**City, State, Phone# of Manufacturer:****Requested Information**

Please verify the product full label name(super ,HI ,Acry ,extra streng) & provide the 12 digit UPC barcode # . Thank you.

Product Requested:**UPC:****Full Label Name:****Name of Manufacturer:**

CREST INDUSTRIES, INC.

Manufacturer Product# (not SKU #):**City, State, Phone# of Manufacturer:****Requested Information**

Please verify the product full label name(include color) & provide the 12 digit UPC barcode # . Thank you.

Product Requested:**UPC:****Full Label Name:****Name of Manufacturer:**

MACK

Manufacturer Product# (not SKU #):

3E Company is North American's leader in hazardous materials information management. 3E simplifies compliance for over 75,000 business locations worldwide. Services include: MSDS on Demand, 3E On-line, Government Disclosures, Hazmat Transportation Services, Emergency Response and Chemical Spill/Exposure Hotlines. For more information call



(800) 360-3220 or visit us at www.3ecompany.com

Products Requiring Additional Information:

City, State, Phone# of Manufacturer:

Requested Information

Please verify the product full label name (is this Gun Cleaner? Or Gum cleaner?) & provide the 12 digit UPC barcode # . Thank you.

Product Requested:

SWX 100 GUM CLEANER

UPC:

Full Label Name:

Name of Manufacturer:

PPG

Manufacturer Product# (not SKU #):

City, State, Phone# of Manufacturer:

Requested Information

Please verify the product full label name & provide the 12 digit UPC barcode # . Thank you.

Product Requested:

SX440 DITZ-O WAX & GREASE REMOVER

UPC:

Full Label Name:

Name of Manufacturer:

PPG

Manufacturer Product# (not SKU #):

City, State, Phone# of Manufacturer:

Requested Information

Please verify the product full label name & provide the 12 digit UPC barcode # . Thank you.

Product Requested:

SYNTHETIC ATF

UPC:

Full Label Name:

Name of Manufacturer:

ETE REMAN

Manufacturer Product# (not SKU #):

City, State, Phone# of Manufacturer:

Requested Information

Please verify the product full label name & provide the 12 digit UPC barcode # . Thank you.

Product Requested:

TEXTURED PLASTIC CLEANER

UPC:

Full Label Name:

Name of Manufacturer:

GATORBACK COATINGS

Manufacturer Product# (not SKU #):

City, State, Phone# of Manufacturer:

Requested Information

Please verify the product full label name & provide the 12 digit UPC barcode # . Thank you.

Product Requested:

ULTRASHINE DETAIL COATING

UPC:

Full Label Name:

Name of Manufacturer:

DISTINCTIVE DETAILS, INC.



3E Company is North American's leader in hazardous materials information management. 3E simplifies compliance for over 75,000 business locations worldwide. Services include: MSDS on Demand, 3E On-line, Government Disclosures, Hazmat Transportation Services, Emergency Response and Chemical Spill/Exposure Hotlines. For more information call

(800) 360-3220 or visit us at www.3ecompany.com

Products Requiring Additional Information:

Manufacturer Product# (not SKU #):

City, State, Phone# of Manufacturer:

Requested Information

Please verify the product full label name & provide the 12 digit UPC barcode # .
Thank you.

Product Requested:

VALSPAR RESERVE STAIN BLOCKING PAINT & PRIMER

UPC:

Full Label Name:

Name of Manufacturer:

VALSPAR

Manufacturer Product# (not SKU #):

City, State, Phone# of Manufacturer:

Requested Information

Please verify the product full label name & provide the 12 digit UPC barcode # .
Thank you.

Product Requested:

X4 BIO PRE-ADHESIVE RIM CLEANER

UPC:

Full Label Name:

Name of Manufacturer:

PLOMBCO

Manufacturer Product# (not SKU #):

City, State, Phone# of Manufacturer:

Requested Information

Please verify the product full label name & provide the 12 digit UPC barcode # .
Thank you.

Product Requested:

ZINK-SPRAY DIN-50976

UPC:

Full Label Name:

Name of Manufacturer:

CAR SYSTEM

Manufacturer Product# (not SKU #):

City, State, Phone# of Manufacturer:

END OF INCOMPLETE ORDER DETAIL - Request# 327845



3E Company is North American's leader in hazardous materials information management. 3E simplifies compliance for over 75,000 business locations worldwide. Services include: MSDS on Demand, 3E On-line, Government Disclosures, Hazmat Transportation Services, Emergency Response and Chemical Spill/Exposure Hotlines. For more information call

(800) 360-3220 or visit us at www.3ecompany.com

SAFETY DATA SHEET



Date of issue/Date of revision 6 October 2016

Version 6

Section 1. Identification

Product name : 1.4 LOW VOC CLEANER
Product code : DX394
Other means of identification : Not available.
Product type : Liquid.

Relevant identified uses of the substance or mixture and uses advised against

Product use : Industrial applications.
Use of the substance/ mixture : Coating. Paints. Painting-related materials.
Uses advised against : Not applicable.

Manufacturer : PPG Industries, Inc.
One PPG Place,
Pittsburgh, PA 15272
Emergency telephone number : (412) 434-4515 (U.S.)
(514) 645-1320 (Canada)
01-800-00-21-400 (Mexico)

Technical Phone Number : 1-800-647-6050

Section 2. Hazards identification

OSHA/HCS status : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Classification of the substance or mixture : FLAMMABLE LIQUIDS - Category 3
EYE IRRITATION - Category 2A

GHS label elements

Hazard pictograms :



Signal word : Warning

Hazard statements : Flammable liquid and vapor.
Causes serious eye irritation.

Precautionary statements

Section 2. Hazards identification

Prevention	: Wear protective gloves. Wear eye or face protection. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use explosion-proof electrical, ventilating, lighting and all material-handling equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Keep container tightly closed. Wash hands thoroughly after handling.
Response	: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
Storage	: Store in a well-ventilated place. Keep cool.
Disposal	: Dispose of contents and container in accordance with all local, regional, national and international regulations.
Supplemental label elements	: Repeated exposure to high vapor concentrations may cause irritation of the respiratory system and permanent brain and nervous system damage. Inhalation of vapor/aerosol concentrations above the recommended exposure limits causes headaches, drowsiness and nausea and may lead to unconsciousness or death. Emits toxic fumes when heated.
Hazards not otherwise classified	: None known.

Section 3. Composition/information on ingredients

Substance/mixture	: Mixture
Product name	: 1.4 LOW VOC CLEANER

Ingredient name	%	CAS number
Isopropyl alcohol	≥5.0 - ≤10	67-63-0
2-butoxyethanol	≥5.0 - <10	111-76-2

SUB codes represent substances without registered CAS Numbers.

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

If ingestion, irritation, any type of overexposure or symptoms of overexposure occur during or persists after use of this product, contact a POISON CONTROL CENTER, EMERGENCY ROOM OR PHYSICIAN immediately; have Safety Data Sheet information available. Never give anything by mouth to an unconscious or convulsing person.

Description of necessary first aid measures

Eye contact	: Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.
Inhalation	: Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.

Section 4. First aid measures

- Skin contact** : Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners.
- Ingestion** : If swallowed, seek medical advice immediately and show this container or label. Keep person warm and at rest. Do NOT induce vomiting.

Most important symptoms/effects, acute and delayed

Potential acute health effects

- Eye contact** : Causes serious eye irritation.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.

Over-exposure signs/symptoms

- Eye contact** : Adverse symptoms may include the following:
pain or irritation
watering
redness
- Inhalation** : No specific data.
- Skin contact** : No specific data.
- Ingestion** : No specific data.

Indication of immediate medical attention and special treatment needed, if necessary

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments** : No specific treatment.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

See toxicological information (Section 11)

Section 5. Fire-fighting measures

Extinguishing media

- Suitable extinguishing media** : Use dry chemical, CO₂, water spray (fog) or foam.
- Unsuitable extinguishing media** : Do not use water jet.

- Specific hazards arising from the chemical** : Flammable liquid and vapor. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Runoff to sewer may create fire or explosion hazard. This material is harmful to aquatic life. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.
- Hazardous thermal decomposition products** : Decomposition products may include the following materials:
carbon dioxide
carbon monoxide

Section 5. Fire-fighting measures

Special protective actions for fire-fighters : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

Special protective equipment for fire-fighters : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

For emergency responders : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

Environmental precautions : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and materials for containment and cleaning up

Small spill : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Large spill : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Section 7. Handling and storage

Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Special precautions** : If this material is part of a multiple component system, read the Safety Data Sheet(s) for the other component or components before blending as the resulting mixture may have the hazards of all of its parts.
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
- Conditions for safe storage, including any incompatibilities** : Do not store below the following temperature: 5°C (41°F). Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

Ingredient name	Exposure limits
Isopropyl alcohol	ACGIH TLV (United States, 3/2015). STEL: 400 ppm 15 minutes. TWA: 200 ppm 8 hours. OSHA PEL (United States, 2/2013). TWA: 980 mg/m ³ 8 hours. TWA: 400 ppm 8 hours. ACGIH TLV (United States, 3/2015). TWA: 20 ppm 8 hours. OSHA PEL (United States, 2/2013). Absorbed through skin. TWA: 240 mg/m ³ 8 hours. TWA: 50 ppm 8 hours.
2-butoxyethanol	

Key to abbreviations

A = Acceptable Maximum Peak
 ACGIH = American Conference of Governmental Industrial Hygienists.
 C = Ceiling Limit

S = Potential skin absorption
 SR = Respiratory sensitization
 SS = Skin sensitization

Section 8. Exposure controls/personal protection

F = Fume
 IPEL = Internal Permissible Exposure Limit
 OSHA = Occupational Safety and Health Administration.
 R = Respirable
 Z = OSHA 29 CFR 1910.1200 Subpart Z - Toxic and Hazardous Substances

STEL = Short term Exposure limit values
 TD = Total dust
 TLV = Threshold Limit Value
 TWA = Time Weighted Average

Consult local authorities for acceptable exposure limits.

Recommended monitoring procedures : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

Appropriate engineering controls : Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

Environmental exposure controls : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Individual protection measures

Hygiene measures : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection : Chemical splash goggles.

Skin protection

Hand protection : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

Gloves : For prolonged or repeated handling, use the following type of gloves:

Recommended: butyl rubber, nitrile rubber

Body protection : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves.

Other skin protection : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Section 8. Exposure controls/personal protection

Respiratory protection : Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.

Section 9. Physical and chemical properties

Appearance

Physical state : Liquid.
Color : Not available.
Odor : Not available.
Odor threshold : Not available.
pH : Not available.
Melting point : Not available.
Boiling point : >37.78°C (>100°F)
Flash point : Closed cup: 41.67°C (107°F)
Auto-ignition temperature : Not available.
Decomposition temperature : Not available.
Flammability (solid, gas) : Not available.
Lower and upper explosive (flammable) limits : Lower: 9.9%
Evaporation rate : 0.64 (butyl acetate = 1)
Vapor pressure : 2.7 kPa (20.3 mm Hg) [room temperature]
Vapor density : Not available.
Relative density : 0.97
Density (lbs / gal) : 8.1
Solubility : Insoluble in the following materials: cold water.
Partition coefficient: n-octanol/water : Not available.
Viscosity : Kinematic (40°C (104°F)): >0.21 cm²/s (>21 cSt)
Volatility : 100% (v/v), 99.74% (w/w)
% Solid. (w/w) : 0.26

Section 10. Stability and reactivity

Reactivity : No specific test data related to reactivity available for this product or its ingredients.

Chemical stability : The product is stable.

Possibility of hazardous reactions : Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid : When exposed to high temperatures may produce hazardous decomposition products.

Section 10. Stability and reactivity

Refer to protective measures listed in sections 7 and 8.

Incompatible materials : Keep away from the following materials to prevent strong exothermic reactions: oxidizing agents, strong alkalis, strong acids.

Hazardous decomposition products : Decomposition products may include the following materials: carbon monoxide, carbon dioxide, smoke, oxides of nitrogen.

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Isopropyl alcohol	LC50 Inhalation Vapor	Rat	72600 mg/m ³	4 hours
	LD50 Dermal	Rabbit	12800 mg/kg	-
	LD50 Oral	Rat	4.396 g/kg	-
2-butoxyethanol	LD50 Dermal	Rabbit	1060 mg/kg	-
	LD50 Oral	Rat	470 mg/kg	-

Conclusion/Summary : There are no data available on the mixture itself.

Irritation/Corrosion

Conclusion/Summary

Skin : There are no data available on the mixture itself.

Eyes : There are no data available on the mixture itself.

Respiratory : There are no data available on the mixture itself.

Sensitization

Conclusion/Summary

Skin : There are no data available on the mixture itself.

Respiratory : There are no data available on the mixture itself.

Mutagenicity

Conclusion/Summary : There are no data available on the mixture itself.

Carcinogenicity

Conclusion/Summary : There are no data available on the mixture itself.

Classification

Product/ingredient name	OSHA	IARC	NTP
Isopropyl alcohol	-	3	-
2-butoxyethanol	-	3	-

Carcinogen Classification code:

IARC: 1, 2A, 2B, 3, 4

NTP: Known to be a human carcinogen; Reasonably anticipated to be a human carcinogen

OSHA: +

Not listed/not regulated: -

Reproductive toxicity

Conclusion/Summary : There are no data available on the mixture itself.

Section 11. Toxicological information

Teratogenicity

Conclusion/Summary : There are no data available on the mixture itself.

Specific target organ toxicity (single exposure)

Name	Category
Isopropyl alcohol	Category 3

Specific target organ toxicity (repeated exposure)

Not available.

Target organs

: Contains material which causes damage to the following organs: brain.
Contains material which may cause damage to the following organs: blood, kidneys, liver, spleen, lymphatic system, upper respiratory tract, skin, bone marrow, central nervous system (CNS), eye, lens or cornea.

Aspiration hazard

Not available.

Information on the likely routes of exposure

Potential acute health effects

Eye contact : Causes serious eye irritation.
Inhalation : No known significant effects or critical hazards.
Skin contact : No known significant effects or critical hazards.
Ingestion : No known significant effects or critical hazards.

Over-exposure signs/symptoms

Eye contact : Adverse symptoms may include the following:
pain or irritation
watering
redness
Inhalation : No specific data.
Skin contact : No specific data.
Ingestion : No specific data.

Delayed and immediate effects and also chronic effects from short and long term exposure

Conclusion/Summary : There are no data available on the mixture itself. Exposure to component solvent vapor concentrations in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, loss of consciousness. Solvents may cause some of the above effects by absorption through the skin. There is some evidence that repeated exposure to organic solvent vapors in combination with constant loud noise can cause greater hearing loss than expected from exposure to noise alone. If splashed in the eyes, the liquid may cause irritation and reversible damage. Ingestion may cause nausea, diarrhea and vomiting. This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

Short term exposure

Potential immediate effects : There are no data available on the mixture itself.

Section 11. Toxicological information

Potential delayed effects : There are no data available on the mixture itself.

Long term exposure

Potential immediate effects : There are no data available on the mixture itself.

Potential delayed effects : There are no data available on the mixture itself.

Potential chronic health effects

General : No known significant effects or critical hazards.

Carcinogenicity : No known significant effects or critical hazards.

Mutagenicity : No known significant effects or critical hazards.

Teratogenicity : No known significant effects or critical hazards.

Developmental effects : No known significant effects or critical hazards.

Fertility effects : No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

Route	ATE value
Oral	5292.4 mg/kg
Dermal	13265.2 mg/kg
Inhalation (gases)	56314.5 ppm
Inhalation (vapors)	137.7 mg/l
Inhalation (dusts and mists)	18.77 mg/l

Section 12. Ecological information

Toxicity

Not available.

Persistence and degradability

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
2-butoxyethanol	-	-	Readily

Bioaccumulative potential

Product/ingredient name	LogP _{ow}	BCF	Potential
Isopropyl alcohol	0.05	-	low
2-butoxyethanol	0.81	-	low

Mobility in soil

Soil/water partition coefficient (K_{oc}) : Not available.

Section 13. Disposal considerations

Disposal methods : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees. Section 6. Accidental release measures

14. Transport information

	DOT	IMDG	IATA
UN number	UN1263	UN1263	UN1263
UN proper shipping name	PAINT RELATED MATERIAL	PAINT RELATED MATERIAL	PAINT RELATED MATERIAL
Transport hazard class(es)	3	3	3
Packing group	III	III	III
Environmental hazards	No.	No.	No.
Marine pollutant substances	Not applicable.	Not applicable.	Not applicable.

Additional information

DOT : This product may be re-classified as "Combustible Liquid," unless transported by vessel or aircraft. Non-bulk packages (less than or equal to 119 gal) of combustible liquids are not regulated as hazardous materials.

IMDG : None identified.

IATA : None identified.

Special precautions for user : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Product code DX394**Date of issue** 6 October 2016**Version** 6**Product name** 1.4 LOW VOC CLEANER

Section 15. Regulatory information

United States

United States inventory (TSCA 8b) : All components are listed or exempted.**U.S. Federal regulations** :

SARA 302/304

SARA 304 RQ : Not applicable.

Composition/information on ingredients

No products were found.

SARA 311/312

Classification : Fire hazard
Immediate (acute) health hazard

Composition/information on ingredients

Name	Fire hazard	Sudden release of pressure	Reactive	Immediate (acute) health hazard	Delayed (chronic) health hazard
Isopropyl alcohol	Yes.	No.	No.	Yes.	No.
2-butoxyethanol	Yes.	No.	No.	Yes.	No.

SARA 313

Supplier notification	Chemical name	CAS number	Concentration
:	Isopropyl alcohol	67-63-0	5 - 10
	2-butoxyethanol	111-76-2	5 - 10

SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

Additional environmental information is contained on the Environmental Data Sheet for this product, which can be obtained from your PPG representative.

Section 16. Other information

Hazardous Material Information System (U.S.A.)

Health : 3 * **Flammability** : 2 **Physical hazards** : 0

(*) - Chronic effects

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

The customer is responsible for determining the PPE code for this material.

National Fire Protection Association (U.S.A.)

Health : 3 **Flammability** : 2 **Instability** : 0**Date of previous issue** : 4/27/2016**Organization that prepared the MSDS** : EHS

Section 16. Other information

Key to abbreviations

: ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973
as modified by the Protocol of 1978. ("Marpol" = marine pollution)
UN = United Nations

▣ Indicates information that has changed from previously issued version.

Disclaimer

The information contained in this data sheet is based on present scientific and technical knowledge. The purpose of this information is to draw attention to the health and safety aspects concerning the products supplied by PPG, and to recommend precautionary measures for the storage and handling of the products. No warranty or guarantee is given in respect of the properties of the products. No liability can be accepted for any failure to observe the precautionary measures described in this data sheet or for any misuse of the products.