

P1: SW0050 Classic Light Buff

BLK
YOX

0P4
0P11

344-3454
ICI Paints

P1
P-1 SW0050 CLASSIC LIGHT BUF
ANC24304-287
1412 Ultra-Hide Int Ltx E/S
GALLON 1412-6110 WHF TB

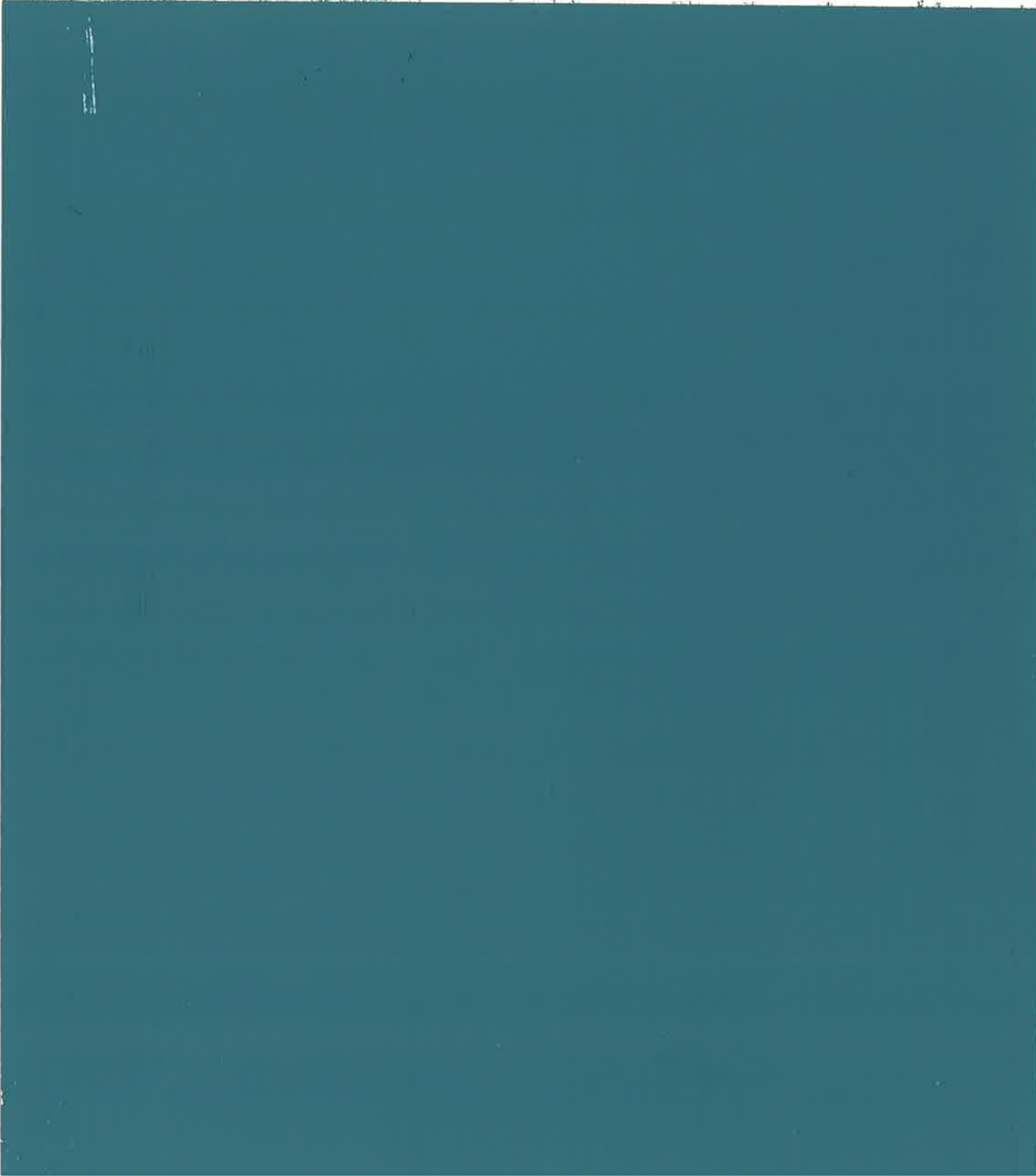
P2: SW6213 Halcyon Green

BLK 2P31 344-3454
Y02 1P61 10125005
T01 1P27 P-2 SW6213 HALCYON GREEN

BLK	2P22	344-3454
TBL	590	ICI Paints
WHT	2P17	P 33W6515 DOWN POUR
		45% SOLIDS
		100% SOLIDS

P4: SW6228 Refuge

BLK 3P0 344-3454
YOK 4732 471 Pains
YOK 4732 471 Pains
YOK 4732 471 Pains



P7: SW6211 Rainwashed

BLK 0P39 344-3454
0P31 ICI Paints
P-7 SW6211 RAINWASHED

BLK	DP2	344-3454
YCX	DP62	ICI 840-98
CX	DP5	[S&SW6255 CACHET CREAM
DP2	DP5	ICI 840-238
		(continued)
		ICI 840-238
		ICI 840-238

P10: SW6198 Sensible Hue

BLK 7P32 344-3454

TOX 1R5 101 Pages

P10: SW6198 SENSIBLE HUE

101 Pages

101 Pages

101 Pages

Exterior Plywood:

1 coat 3210	Gripper Acrylic Primer
2 coats 2402	Dulux Professional Acrylic Semi-Gloss Enamel

*Ferrous Metal:

Touch up as necessary with 4160 Universal Metal Primer
2 coats 2406-series Dulux Professional Acrylic Semi-Gloss Enamel

*Exterior Zinc-Coated Metal Surfaces:

1 coat 4160	Universal Metal Primer
2 coats 2406-series	Dulux Professional Acrylic Semi-Gloss Enamel

*SEE NOTES
AT END FOR
METAL DOORS
AND FRAMES.

Exterior Aluminum Surfaces:

1 coat 4160	Universal Metal Primer]
2 coats 2406	Dulux Professional Acrylic Semi-Gloss Enamel

Interior New Concrete (Horizontal Surfaces):

2 coats 4406 Waterborne Epoxy Coating
First Coat to have 80 grit Silica sand mixed with coating

Interior Gypsum Board, Flat:

1 coat 1260	Latex Wall Primer
2 coats 1200-series	Dulux Flat Latex Finish

USE ABOVE CEILINGS (BLACK)
PER DETAIL 08/AS12, AND
SPECIFICATIONS AS REQUIRED.

Interior Gypsum Board, Eggshell - FOR USE IN LAB CORRIDORS, OFFICES, AND OTHER
1 coat 1260 Latex Wall Primer GWB SURFACES, EXCEPT AS INDICATED
2 coats 1402-series Dulux Professional Eggshell Enamel BELOW.

Interior Gypsum Board, Semi-Gloss - FOR USE AT INTERIOR OF ALL LAB SPACES SCHEDULED
1 coat 1260 Latex Wall Primer TO BE PAINTED, TOILET ROOMS, TOILET/SHOWERS,
2 coats 1406-series Dulux Professional Semi-Gloss Enamel JANITORIAL CLOSETS.

These are the cut sheets needed for the rooms you listed. - Heather Sealy, LSI

Interior Wood and Hardboard:

1 coat 3210	Gripper Acrylic Primer
2 coats 1406-series	Dulux Professional Semi-Gloss Enamel

Product Description

A flat high-build latex for all types of interior surfaces specially formulated for the professional painter. It is quickly and easily applied by airless spray or pressure-fed roller and dries to a uniform flat finish which minimizes surface imperfections. Excellent touch-up properties result in superior uniformity on the finish job. Available in white and pastel colors. Ideal for use as a one coat spray and backroll applied coating for new drywall and plaster surfaces in commercial, institutional and residential structures.

Features

- Uniform flat finish
- High build
- Excellent touch-up properties
- Easy soap and water clean-up
- Low odor
- Fast drying
- Low VOC

Composition

- Vinyl-Acrylic Resin
- Titanium Dioxide and Extender Pigments
- Not manufactured with lead or mercury containing materials.

Specifications**Color:**

White, Antique White & custom colors

Finish:

Flat

Clean-up Solvent:

Soap and water

Density:

12.1 lbs/gal (1.45 kg/L)

VOC:

0.38 lbs/gal (46 g/L)

Solids:

Volume - 32% ± 1%
Weight - 54% ± 1%

Practical Coverage:

Apply at 205-257 sq ft/gal (5-6 m²/L). Actual coverage may vary depending on substrate and application method.

Flame Spread Rating:

Class A (0-25) over non-combustible surfaces

Flash Point:

None

Dry Time 77°F (25°C) & 50% RH:

To touch - 30 minutes
To recoat - 4 hours

Shelf Life:

1 year minimum - unopened

General Surface Preparation

All surfaces must be sound, dry, clean and free of oil, grease, dirt, mildew, form release agents, curing compounds, loose and flaking paint and other foreign substances.

NEW SURFACES: Drywall - Prime with this product, Aquacrylic GRIPPER 3210 or latex primer 1030. **Wood** - Prime with Aquacrylic GRIPPER 3210, Stain JAMMER 1110 or latex undercoater 1020.

Concrete, Plaster and Masonry - Cure at least 30 days. pH must be 10.0 or lower. Roughen unusually slick poured or precast concrete by acid etching or sandsweeping. Follow acid manufacturer's application and safety instructions. Rinse thoroughly with water and allow to dry. Remove loose

aggregate. No primer required. If smoothness is desired on open texture block walls, fill with latex filler 3010. Prime plaster with Aquacrylic Gripper 3210.

Steel - Prime with waterborne metal primer 4020 or solventborne metal primer 4160 or 4100.

Galvanized Metal and Aluminum - Prime with Aquacrylic Gripper 3210 or waterborne metal primer 4020 or solventborne metal primer 4160 or 4120.

PREVIOUSLY PAINTED SURFACES: Wash to remove contaminants. Rinse thoroughly with water and allow to dry. Dull glossy areas by light sanding. Remove sanding dust. Remove loose paint. Prime bare areas with primer specified under **NEW SURFACES**.

Directions For Use

TINTING: May be tinted with up to 1/2 oz/gal ICI Colorants (additions of colorants in excess of this amount may adversely affect touch-up properties).

SPREADING RATE: Apply at 205-257 sq ft/gal (5-6 m²/L). Actual coverage may vary depending on substrate.

APPLICATION: Mix thoroughly before use. Apply using airless spray with or without backroll or apply using a pressure-fed roller with backroll for best results. Standard roller application may also be used (two coats may be required to obtain recommended film thickness). Brush application should be limited to small areas only. Application using conventional spray is not recommended.

Do not apply when surface or air temperature is below 50°F (10°C). Provide good ventilation and warmth for normal drying.

DRYING TIME: At 77°F (25°C) and 50% R.H., dries to touch in 30 minutes and to recoat in four hours. Low temperature, high humidity, thick films or poor ventilation will increase these times.

CLEAN-UP: Clean immediately using warm, soapy water.

WASHING INSTRUCTIONS: Allow at least seven days after paint application before washing. Use non-abrasive, mild detergent and cellulose sponge.

Precautions

WARNING! CAUSES EYE, SKIN AND RESPIRATORY TRACT IRRITATION. CONTAINS CRYSTALLINE SILICA WHICH CAN CAUSE LUNG CANCER AND OTHER LUNG DAMAGE IF INHALED. MAY BE HARMFUL IF SWALLOWED. WHEN TINTED, CONTAINS ETHYLENE GLYCOL WHICH CAN CAUSE SEVERE KIDNEY DAMAGE WHEN INGESTED AND HAS BEEN SHOWN TO CAUSE BIRTH DEFECTS IN LABORATORY ANIMALS. USE ONLY WITH ADEQUATE VENTILATION. KEEP OUT OF THE REACH OF CHILDREN. NOTICE: Products in this series contain solvents. Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. For emergency information call (800) 545-2643. If sanding is done, wear a dust mask to avoid breathing of sanding dust. Do not breathe vapors or spray mist. If you experience eye watering, headaches, or dizziness, leave the area. If properly used, a respirator may offer additional protection. Obtain professional advice before using. Close container after each use. **FIRST AID:** In case of skin contact, wash off quickly with plenty of soap and water, remove contaminated clothing. For eye contact flush immediately with large amounts of water, for at least 15 minutes. Obtain emergency medical treatment. If swallowed, obtain medical treatment immediately. If inhalation causes physical discomfort, remove to fresh air. If discomfort persists or any breathing difficulty occurs, get medical help. **KEEP FROM FREEZING. Note: These warnings encompass the product series. Prior to use, read and follow product-specific MSDS and label information.**

DS117-0897

Shipping

FREIGHT CLASSIFICATION:
Paint, Freezable

PACKAGING:
1 gallon (3.785 L)
5 gallons (18.925 L)

FLASH POINT:
None



ICI Paints
925 Euclid Avenue
Cleveland, Ohio 44115
1-800-984-5444
www.ici.duluxpaints.com

LIMITATION OF LIABILITY To the best of our knowledge, the technical data contained herein are true and accurate at the date of issuance but are subject to change without prior notice. We guarantee our product to conform to the specifications contained herein. WE MAKE NO OTHER WARRANTY OR GUARANTEE OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSE. Liability, if any, is limited to replacement of the product or refund of the purchase price. LABOR OR COST OF LABOR AND OTHER CONSEQUENTIAL DAMAGES ARE HEREBY EXCLUDED.

FIRE AND EXPLOSION HAZARD DATA

Extinguishing media : Dry chemical or foam water fog. Carbon dioxide.

Unusual fire and explosion hazards : Closed containers may burst if exposed to extreme heat or fire.

Special fire fighting procedures : Water may be used to cool and protect exposed containers.

Firefighters should use full protective clothing, eye protection, and self-contained breathing apparatus. Self-contained breathing apparatus recommended.

HEALTH HAZARD DATA

Primary route(s) of exposure : Inhalation, skin contact, eye contact, ingestion.

Effects of overexposure :

Inhalation : Irritation of respiratory tract. Prolonged inhalation may lead to dizziness and/or lightheadedness, headache, nausea, coughing, sneezing, central nervous system depression, respiratory problems.

Skin contact : Irritation of skin.

Eye contact : Irritation of eyes. Prolonged or repeated contact can cause tearing of eyes, redness of eyes.

Ingestion : Ingestion may cause nausea, vomiting, gastro-intestinal disturbances.

Supplemental health information : Notice - reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage.

Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Contains crystalline silica which is considered a hazard by inhalation. IARC has classified crystalline silica as probably carcinogenic for humans (2a). This classification is based on the findings of laboratory animal studies that were considered sufficient and data from epidemiological studies that were considered limited for carcinogenicity. Crystalline silica is also a known cause of silicosis, a noncancerous lung disease. NTP has classified crystalline silica a reasonably anticipated human carcinogen.

Medical conditions aggravated by exposure : Eye, skin, respiratory disorders

FIRST AID PROCEDURES

Inhalation : Remove to fresh air. Restore and support continued breathing. Get emergency medical attention. Have trained person give oxygen if necessary. Get medical help for any breathing difficulty. Remove to fresh air if inhalation causes eye watering, headaches, dizziness, or other discomfort.

Skin contact : Flush from skin with water. Then wash thoroughly with soap and water. Remove contaminated clothing. Wash contaminated clothing before re-use. Dispose of contaminated leather items, such as shoes and belts. If irritation occurs, consult a physician.

Eye contact : Flush immediately with large amounts of water, especially under lids for at least 15 minutes. If irritation or other effects persist, obtain medical treatment.

Ingestion : If swallowed, obtain medical treatment immediately.

REACTIVITY DATA

Stability : Stable

Incompatibility : Oxidizers, acids. Alkalis aluminum, zinc, magnesium, mineral acids, sodium, potassium.

Conditions to avoid : Elevated temperatures, contact with oxidizing agent, contact with aluminum or zinc, storage near acids, freezing.

Hazardous decomposition products : Carbon monoxide, carbon dioxide, oxygen.

Hazardous polymerization : Will not occur

SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled : Comply with all applicable health and environmental regulations. Ventilate area. Spills may be collected with absorbent materials. Evacuate all unnecessary personnel. Place collected material in proper container. Complete personal protective equipment must be used during cleanup. Large spills - shut off leak if safe to do so. Dike and contain spill. Pump to storage or salvage vessels. Use absorbent to pick up excess residue. Keep salvageable material and rinse water out of sewers and water courses.

Waste disposal : Dispose in accordance with all applicable regulations. Avoid discharge to natural waters.

SPECIAL PROTECTION INFORMATION

Respiratory protection : Control environmental concentrations below applicable standards. Where respiratory protection is required, use only NIOSH/MSHA approved respirators in accordance with OSHA standard 29 CFR 1910.134.

Ventilation : Provide dilution ventilation or local exhaust to prevent build-up of vapors.

Personal protective equipment : Eye wash, safety shower, safety glasses or goggles. Impervious gloves, apron.

SPECIAL PRECAUTIONS

Handling and storage : Store below 100°F. Keep from freezing.

Other precautions : Use only with adequate ventilation. Do not take internally. Keep out of reach of children. Avoid contact with skin and eyes, and breathing of vapors. Wash hands thoroughly after handling, especially before eating or smoking. Keep containers tightly closed and upright when not in use. Avoid conditions which result in formation of inhalable particles such as spraying or abrading (sanding) painted surfaces. If such conditions cannot be avoided, use appropriate respiratory protection as directed under special protection information. Empty containers may contain hazardous residues.

The information contained herein is based on data available at the time of preparation of this data sheet which ICI Paints believes to be reliable. However, no warranty is expressed or implied regarding the accuracy of this data. ICI Paints shall not be responsible for the use of this information, or of any product, method or apparatus mentioned and you must make your own determination of its suitability and completeness for your own use, for the protection of the environment, and the health and safety of your employees and the users of this material.

925 Euclid Avenue
Cleveland, Ohio 44115
EMERGENCY TELEPHONE NO. (800)545-2643

Physical Data

Product Code	Description	Wt./Gal.	VOC gr./ltr.	% Volatile by Volume	Flash Point	Boiling Range	HMS	DOT, proper shipping name
1260-0110	ultra-hide airless high-build flat latex interior primer/finish, white tint base	12.08	54.49	67.76	none	212-482	*110	paint, **freezable**
1260-1000	white-high hiding	12.08	54.65	67.75	none	212-482	*110	paint, **freezable**
1260-1010	swiss coffee	12.08	54.45	67.76	none	212-482	*110	paint, **freezable**
1260-1020	antique white	12.09	54.32	67.74	none	212-482	*110	paint, **freezable**
1260-1050	cielo blanco	12.08	54.45	67.76	none	212-482	*110	paint, **freezable**

Ingredients

Product Codes with % by Weight

	1260-0110	1260-1000	1260-1010	1260-1020	1260-1050
limestone	20-30	20-30	20-30	20-30	20-30
limestone	5-10	5-10	5-10	5-10	5-10
ceramic materials and wares, chemicals	5-10	5-10	5-10	5-10	5-10
ethanol, 2-(2-butoxyethoxy)-, acetate	1-5	1-5	1-5	1-5	1-5
quartz	1-1.0	1-1.0	1-1.0	1-1.0	1-1.0
titanium oxide	5-10	5-10	5-10	5-10	5-10
vinyl acrylic copolymer	5-10	5-10	5-10	5-10	5-10
water	40-50	40-50	40-50	40-50	40-50

Chemical Hazard Data

CHEMICAL NAME	COMMON NAME	CAS. NO.	ACGIH-TLV	OSHA-PEL	S.R. STD.	S	C	N	I	O
limestone	natural calcium carbonate	1317-65-3	10 mg/m ³	ne	5 mg/m ³	ne	ne	ne	ne	ne
limestone	natural calcium carbonate	1317-65-3	5 mg/m ³	ne	5 mg/m ³	ne	ne	ne	ne	ne
ceramic materials and wares, chemicals	calcined kaolin	66402-68-4	5 mg/m ³	ne	10 mg/m ³	ne	ne	ne	ne	ne
ethanol, 2-(2-butoxyethoxy)-, acetate	diethylene glycol monobutyl ether acetate	124-17-4	ne	ne	ne	ne	ne	ne	ne	ne
quartz	quartz	14808-60-7	0.1 mg/m ³	ne	0.1 mg/m ³	ne	ne	ne	ne	ne
titanium oxide	titanium dioxide	13463-67-7	10 mg/m ³	ne	10 mg/m ³	ne	ne	ne	ne	ne
vinyl acrylic copolymer	vinyl acrylic copolymer	sup. conf.	ne	ne	ne	ne	ne	ne	ne	ne
water	water	7732-18-5	ne	ne	ne	ne	ne	ne	ne	ne

Footnotes:

C = Ceiling - Concentration that should not be exceeded, even instantaneously.

S = Skin - Additional exposure, over and above airborne exposure, may result from skin absorption

S.R.STD. = Supplier Recommended Standard

n/a = not applicable

ne = not established

ppm = parts per million

mg/m³ = milligrams per cubic meter

S2 = Sara Section 302 EHS

S3 = Sara Section 313 Chemical

CC = CERCLA Chemical

Carcinogenicity Listed By:

N = NTP; I = IARC; O = OSHA
y = yes, n = no

DULUX PROFESSIONAL Velvet Matte Flat Latex Interior Wall & Trim Finish

1200-XXXX



Product Description

Our premium quality professional flat latex wall and trim finish. Specially formulated to provide excellent touch-up, coverage and application properties when applied by brush, roller or spray. Dulux Professional Velvet Matte features easy, spatter-free application, quick dry and recoat, and provides a durable and washable finish. Ideal for use on interior walls and trim surfaces in all residential and commercial applications. Around the world, the Dulux name from ICI stands for the finest paints available - Best by Test.

Features

- Durable flat finish
- Excellent touch-up properties
- Super one coat coverage
- Light clean custom colors can be tinted from Pure Brilliant White
- Washable
- Spatter-free, easy application
- Quick drying and recoat
- Easy soap and water clean-up
- Low odor and VOC
- Performance alternate for Federal Paint Specification TT-P-29K

Composition

- Vinyl-Acrylic Resin
- Titanium Dioxide and Extender Pigments
- Not manufactured with lead or mercury containing materials.

Performance Data

Property	Test Method	Results
Dry Opacity (Hiding)	ASTM D 2805	Excellent, >0.98
Directional Reflectance - White	ASTM E 97	86%
Directional Reflectance - Pure Brilliant White	ASTM E 97	92%
Scrub Resistance	ASTM D 2486	Very Good
Washability	ASTM D 3450	Very Good
Flexibility	ASTM D 522, 1/8" mandrel	Excellent, no cracking or flaking

Specifications

Color:

Pure Brilliant White, White, ready-mix & custom colors

Finish:

Flat

Clean-up Solvent:

Soap and water

Density:

11.9 lbs/gal (1.43 kg/L)

VOC:

0.71 lbs/gal (85 g/L)

Solids:

Volume - 35% ± 1%
Weight - 55% ± 1%

Practical Coverage:

Apply at 400 sq ft/gal (10 m²/L). Actual coverage may vary depending on substrate and application method.

Flame Spread Rating:

Class A (0-25) over non-combustible surfaces

Flash Point:

None

Dry Time 77°F (25°C) & 50% RH:

To touch - 30-60 minutes
To recoat - 2-4 hours

Shelf Life:

1 year minimum - unopened

General Surface Preparation

All surfaces must be sound, dry, clean and free of oil, grease, dirt, mildew, form release agents, curing compounds, loose and flaking paint and other foreign substances.

NEW SURFACES: Drywall - Prime with Dulux ULTRA Basecoat 1000 or Aquacrylic GRIPPER 3210.

Wood - Prime with Aquacrylic GRIPPER 3210, Stain JAMMER 1110 or latex undercoater 1020.

Concrete, Plaster and Masonry - Cure at least 30 days before painting. pH must be 10.0 or lower. Roughen unusually slick poured or precast concrete by acid etching or sandsweeping. Follow acid manufacturer's application and safety instructions. Rinse thoroughly with water and allow to dry. Must be internally dry. Remove loose aggregate. Prime

with Dulux ULTRA Basecoat 1000 or Aquacrylic GRIPPER 3210. Fill block with latex filler 3010 or 4000. Prime plaster with Aquacrylic GRIPPER 3210.

Steel - Prime with waterborne metal primer 4020, Stain JAMMER 1110 or solventborne metal primer 4160 or 4100. **Galvanized Metal and Aluminum** - Prime with Aquacrylic GRIPPER 3210, waterborne metal primer 4020 or solventborne metal primer 4160 or 4120.

PREVIOUSLY PAINTED SURFACES: Wash to remove contaminants. Rinse thoroughly with water and allow to dry. Dull glossy areas by light sanding. Remove sanding dust. Remove loose paint. Prime bare areas with primer specified under **NEW SURFACES**.

Directions For Use

TINTING: Tint the appropriate base with ICI Colorants.

SPREADING RATE: Apply at 400 sq ft/gallon (10 m²/L). Actual coverage may vary depending on substrate and application method. For best hiding, tint primers towards finish coat color. Certain shades of yellow, orange, pink and red may require multiple coats.

APPLICATION: Mix thoroughly before use. May be applied by brush, roller or spray. No thinning required. For spray application, use .015" tip. Adjust pressure as needed. For optimal results when spraying, backrolling is recommended. Do not apply

when the surface or air temperature is below 50°F (10°C). Provide good ventilation and warmth for normal drying.

DRYING TIME: At 77°F (25°C) and 50% R.H., dries to touch in 30-60 minutes and to recoat in two to four hours. Low temperature, high humidity, thick films or poor ventilation will increase these times.

CLEAN-UP: Clean immediately with warm, soapy water.

WASHING INSTRUCTIONS: Allow at least seven days after application before washing. Use non-abrasive, mild detergent and cellulose sponge.

Precautions

WARNING! CAUSES EYE, SKIN AND RESPIRATORY TRACT IRRITATION. CONTAINS CRYSTALLINE SILICA WHICH CAN CAUSE LUNG CANCER AND OTHER LUNG DAMAGE IF INHALED. MAY BE HARMFUL IF SWALLOWED. WHEN TINTED, CONTAINS ETHYLENE GLYCOL WHICH CAN CAUSE SEVERE KIDNEY DAMAGE WHEN INGESTED AND HAS BEEN SHOWN TO CAUSE BIRTH DEFECTS IN LABORATORY ANIMALS. USE ONLY WITH ADEQUATE VENTILATION. KEEP OUT OF THE REACH OF CHILDREN. For emergency information call (800) 545-2643. If sanding is done, wear a dust mask to avoid breathing of sanding dust. Do not breathe vapors or spray mist. If you experience eye watering, headaches, or dizziness, leave the area. If properly used, a respirator may offer additional protection. Obtain professional advice before using. Close container after each use. **FIRST AID:** In case of skin contact, wash off quickly with plenty of soap and water, remove contaminated clothing. For eye contact, flush immediately with large amounts of water, at least 15 minutes. Obtain emergency medical treatment. If swallowed, obtain medical treatment immediately. If inhalation causes physical discomfort, remove to fresh air. If discomfort persists or any breathing difficulty occurs, get medical help. **Note:** These warnings encompass the product series. Prior to use, read and follow product-specific MSDS and label information.

DS4-0797

Shipping

FREIGHT CLASSIFICATION:

Paint, Freezable

FLASH POINT:

None

PACKAGING:

1 quart (0.946 L)
1 gallon (3.785 L)
5 gallons (18.925 L)

 **Dulux Paint Centers**

From the Makers of Dulux, Sinclair, Glidden & Devco Coatings

ICI Paints, 925 Euclid Ave., Cleveland, Ohio 44115 1-800-984-5444 www.iciduluxpaints.com

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LIMITATION OF LIABILITY To the best of our knowledge, the technical data contained herein are true and accurate at the date of issuance but are subject to change without prior notice. We guarantee our product to conform to the specifications contained herein. WE MAKE NO OTHER WARRANTY OR GUARANTEE OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSE. Liability, if any, is limited to replacement of the product or refund of the purchase price. LABOR OR COST OF LABOR AND OTHER CONSEQUENTIAL DAMAGES ARE HEREBY EXCLUDED.

HAZARDS IDENTIFICATION (ANSI Section 3)

Primary route(s) of exposure : Inhalation, skin contact, eye contact, ingestion.

Effects of overexposure :

Inhalation : Irritation of respiratory tract, lungs. Prolonged inhalation may lead to mucous membrane irritation, drowsiness, dizziness and/or lightheadedness, headache, coughing, central nervous system depression, difficulty of breathing, kidney damage.

Skin contact : Irritation of skin. Prolonged or repeated contact can cause dermatitis, defatting. Possible sensitization to skin.

Eye contact : Irritation of eyes. Prolonged or repeated contact can cause conjunctivitis, tearing of eyes, redness of eyes.

Ingestion : Ingestion may cause mouth and throat irritation, dizziness and/or lightheadedness, headache, nausea, vomiting, diarrhea, gastro-intestinal disturbances, severe abdominal pain, abdominal pain, apathy, central nervous system depression, respiratory problems, intoxication, kidney damage, pulmonary edema, loss of consciousness, acute poisoning, respiratory failure, cardiac failure, brain damage.

Medical conditions aggravated by exposure : Eye, skin, respiratory disorders lung disorders asthma-like conditions kidney disorders

FIRST-AID MEASURES

(ANSI Section 4)

Inhalation : Remove to fresh air. Restore and support continued breathing. Get emergency medical attention. Have trained person give oxygen if necessary. Get medical help for any breathing difficulty. Remove to fresh air if inhalation causes eye watering, headaches, dizziness, or other discomfort.

Skin contact : Flush from skin with water. Then wash thoroughly with soap and water. Remove contaminated clothing. Wash contaminated clothing before re-use.

Eye contact : Flush immediately with large amounts of water, especially under lids for at least 15 minutes. If irritation or other effects persist, obtain medical treatment.

Ingestion : If swallowed, obtain medical treatment immediately.

FIRE-FIGHTING MEASURES

(ANSI Section 5)

Fire extinguishing media : Dry chemical or foam water fog. Carbon dioxide. Closed containers may burst if exposed to extreme heat or fire. In closed tanks, water or foam may cause frothing or eruption.

Fire fighting procedures : Water may be used to cool and protect exposed containers. Firefighters should use full protective clothing, eye protection, and self-contained breathing apparatus. Self-contained breathing apparatus recommended.

Hazardous decomposition or combustion products : Carbon monoxide, carbon dioxide, acrid fumes, oxygen.

ACCIDENTAL RELEASE MEASURES

(ANSI Section 6)

Steps to be taken in case material is released or spilled : Comply with all applicable health and environmental regulations. Eliminate all sources of ignition. Ventilate area. Spills may be collected with absorbent materials. Evacuate all unnecessary personnel. Place collected material in proper container. Small spills - use absorbent to pick up residue and dispose of properly.

HANDLING AND STORAGE

(ANSI Section 7)

Handling and storage : Store below 100°F (38°C). Keep away from heat, sparks and open flame. Keep from freezing.

Other precautions : Use only with adequate ventilation. Do not take internally. Keep out of reach of children. Avoid contact with skin and eyes, and breathing of vapors. Wash hands thoroughly after handling, especially before eating or smoking. Keep containers tightly closed and upright when not in use. Avoid conditions which result in formation of inhalable particles such as spraying or abrading (sanding) painted surfaces. If such conditions cannot be avoided, use appropriate respiratory protection as directed under exposure controls/personal protection.

EXPOSURE CONTROLS/PERSONAL PROTECTION (ANSI Section 8)

Respiratory protection : Control environmental concentrations below applicable exposure standards when using this material. When respiratory protection is determined to be necessary, use a NIOSH/MSHA (Canadian z94.4) Approved elastomeric sealing- surface facepiece respirator outfitted with organic vapor cartridges and paint spray (dust/mist) prefilters. Determine the proper level of protection by conducting appropriate air monitoring. Consult 29CFR 1910.134 For selection of respirators (Canadian z94.4).

Ventilation : Provide dilution ventilation or local exhaust to prevent build-up of vapors.

Personal protective equipment : Eye wash, safety shower, safety glasses or goggles. Impervious gloves, impervious clothing.

STABILITY AND REACTIVITY

(ANSI Section 10)

Under normal conditions : Stable see section 5 fire fighting measures

Materials to avoid : Oxidizers, acids, hydrogen fluoride. Chlorinated rubber

Conditions to avoid : Elevated temperatures, contact with oxidizing agent, freezing, sparks, open flame.

Hazardous polymerization : Will not occur

TOXICOLOGICAL INFORMATION

(ANSI Section 11)

Supplemental health information : Other effects of overexposure may include toxicity to lungs.

Carcinogenicity : Contains crystalline silica which is considered a hazard by inhalation. IARC has classified crystalline silica as carcinogenic to humans (group 1). Crystalline silica is also a known cause of silicosis, a noncancerous lung disease. NTP has classified crystalline silica a reasonably anticipated carcinogen.

Reproductive effects : Not determined

Mutagenicity : Not est.

Teratogenicity : Some laboratory test results have shown ethylene glycol to be an animal teratogen.

ECOLOGICAL INFORMATION

(ANSI Section 12)

No ecological testing has been done by ICI paints on this product as a whole.

DISPOSAL CONSIDERATIONS

(ANSI Section 13)

Waste disposal : Dispose in accordance with all applicable regulations. Avoid discharge to natural waters.

REGULATORY INFORMATION

(ANSI Section 15)

As of the date of this MSDS, all of the components in this product are listed (or are otherwise exempt from listing) on the TSCA inventory. This product has been classified in accordance with the hazard criteria of the CPR (controlled products regulations) and the MSDS contains all the information required by the CPR.

The information contained herein is based on data available at the time of preparation of this data sheet which ICI Paints believes to be reliable. However, no warranty is expressed or implied regarding the accuracy of this data. ICI Paints shall not be responsible for the use of this information, or of any product, method or apparatus mentioned and you must make your own determination of its suitability and completeness for your own use, or the protection of the environment, and the health and safety of your employees and the users of this material. Complies with OSHA hazard communication standard 29CFR 1910.1200.

Physical Data

(ANSI Sections 1, 9, and 14)

Product Code	Description	Wt. / Gal.	VOC gr. / ltr.	% Volatile by Volume	Flash Point	Boiling Range	HMIS	DOT, proper shipping name
1200-0100	dulux professional velvet matte interior latex flat wall & trim finish, white	11.93	115.94	65.30	none	100-477	*210	paint ** protect from freezing **
1200-0110	dulux professional interior velvet matte latex flat, white tint base	11.93	115.95	65.30	none	100-477	*210	paint ** protect from freezing **
1200-0120	dulux professional int. velvet matte flat latex wall & trim, pure brilliant white	11.93	115.95	65.30	none	100-477	*210	paint ** protect from freezing **
1200-0300	dulux professional velvet matte interior latex flat intermediate tint base	10.92	53.95	62.92	none	100-105	*110	paint ** protect from freezing **
1200-0400	dulux professional interior velvet matte latex flat, deep tint base	10.56	43.19	62.08	none	100-105	*110	paint ** protect from freezing **
1200-0500	dulux professional interior velvet matte latex flat, accent base	10.01	63.76	69.58	none	212-477	*110	paint
1200-1000	dulux professional interior velvet matte latex wall & trim, white-high hiding	11.93	115.94	65.30	none	100-477	*210	paint ** protect from freezing **
1200-1020	dulux professional interior velvet matte latex flat, antique white	11.93	115.94	65.30	none	100-477	*210	paint ** protect from freezing **
1200-1050	dulux professional interior velvet matte latex flat, cielo bianco	11.93	115.94	65.30	none	100-477	*210	paint ** protect from freezing **

Ingredients

Product Codes with % by Weight (ANSI Section 2)

Chemical Name	Common Name	CAS. No.	1200-0100	1200-0110	1200-0120	1200-0300	1200-0400	1200-0500	1200-1000	1200-1020	1200-1050
1,2-ethanediol	ethylene glycol	107-21-1	1-5	1-5	1-5				1-5	1-5	1-5
silicic acid, aluminum magnesium sodium salt	sodium magnesium aluminosilicate	12040-43-6	1-5	1-5	1-5				1-5	1-5	1-5
limestone	limestone	1317-65-3	5-10	5-10	5-10	10-20	10-20	10-20	5-10	5-10	5-10
kaolin	clay	1332-58-7				1-5					
titanium oxide	titanium dioxide	13463-67-7	10-20	10-20	10-20	10-20	1-5		10-20	10-20	10-20
quartz	quartz	14808-60-7	1-1.0	1-1.0	1-1.0	1-1.0	1-1.0	1-1.0	1-1.0	1-1.0	1-1.0
aluminum hydroxide	aluminum hydroxide	21645-51-2	5-10	5-10	5-10	1-5	10-20		5-10	5-10	5-10
2-propenoic acid, butyl ester, polymer with ethenyl acetate	vinyl acrylic latex	25067-01-0									
propanoic acid, 2-methyl-, monoester with 2,2,4-trimethyl-1,3-pentanediol	texanol	25265-77-4	1-5	1-5	1-5			1-5	1-5	1-5	1-5
nepheline syenite	feldspar-type minerals	37244-96-5	10-20	10-20	10-20		5-10		10-20	10-20	10-20
kieselguhr	diatomaceous earth, uncalcined	61790-53-2						1-5			
ceramic materials and wares, chemicals	kaolin clay	66402-68-4	5-10	5-10	5-10	1-5	5-10		5-10	5-10	5-10
silica	amorphous silica	7631-86-9	40-50	40-50	40-50		40-50	50-60	40-50	40-50	40-50
water	water	7732-18-5						10-20			
acrylic resin	acrylic resin	Sup. Conf.									

Chemical Hazard Data

(ANSI Sections 2, 8, 11, and 15)

Common Name	CAS. No.	8-Hour TWA	ACGIH-TLV				OSHA-PEL				S.R. Std.	S2	S3	CC	H	M	N	I	O
			STEL	C	S	8-Hour TWA	STEL	C	S	8-Hour TWA	STEL	C	S						
ethylene glycol	107-21-1	not est.	not est.	100 mg/m3	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	Y	Y	n	n	n	n
sodium magnesium aluminosilicate	12040-43-6	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	n	n	n	n	n	n
limestone	1317-65-3	10 mg/m3	not est.	not est.	not est.	5 mg/m3	not est.	not est.	not est.	not est.	not est.	not est.	not est.	n	n	n	n	n	n
clay	1332-58-7	2 mg/m3	not est.	not est.	not est.	5 mg/m3	not est.	not est.	not est.	not est.	not est.	not est.	not est.	n	n	n	n	n	n
titanium dioxide	13463-67-7	10 mg/m3	not est.	not est.	not est.	10 mg/m3	not est.	not est.	not est.	not est.	not est.	not est.	not est.	n	n	n	n	n	n
quartz	14808-60-7	0.1 mg/m3	not est.	not est.	not est.	5 mg/m3	not est.	not est.	not est.	not est.	not est.	not est.	not est.	n	n	n	n	n	n
aluminum hydroxide	21645-51-2	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	n	n	n	n	n	n
vinyl acrylic latex	25067-01-0	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	n	n	n	n	n	n
texanol	25265-77-4	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	n	n	n	n	n	n
feldspar-type minerals	37244-96-5	5 mg/m3	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	n	n	n	n	n	n

Footnotes:
C=Ceiling, S=Concentration that
S=Skin - Additional exposure,
n/a=not applicable

ppm-parts per million
mg/m3-milligrams per cubic meter

S2-Sara Section 302 EHS
S3-Sara Section 313 Physical

H=Hazardous Air Pollutant, M=Marine Pollutant
P=Pollutant, S=Severe Pollutant
C=Comminuted Listed Rx

Product Description

Our premium quality professional acrylic eggshell wall and trim paint. Specially formulated to provide excellent adhesion, moisture resistance, coverage and application properties when applied by brush, roller or spray. Features very good block resistance, alkyd-like flow and leveling, and provides a highly durable finish. Ideal for use on interior walls and trim surfaces in all residential and commercial applications. Around the world, the Dulux name from ICI stands for the finest paints available - Best by Test.

Features

- Durable eggshell finish
- Excellent washability
- Excellent moisture resistance
- Excellent one coat coverage
- Light clean custom colors can be tinted from Pure Brilliant White
- Block resistant
- Easy application
- Quick drying and recoat
- Easy soap and water clean-up
- Low odor and VOC
- Performance alternate for Federal Paint Specification TT-P-2119

Composition

- Acrylic Copolymer Resin
- Titanium Dioxide and Extender Pigments
- Not manufactured with lead or mercury containing materials.

Performance Data

Property	Test Method	Results
Dry Opacity (Hiding)	ASTM D 2805	Excellent, >0.98
Directional Reflectance - White	ASTM E 97	86%
Directional Reflectance - Pure Brilliant White	ASTM E 97	92%
Scrub Resistance	ASTM D 2486	Very Good
Washability	ASTM D 3450	Excellent
Flexibility	ASTM D 522, 1/8" mandel	Excellent, no cracking or flaking
Block Resistance	3 hrs. @ 90°F & 85% R.H., 1.5 hrs @ 120°F	aExcellent, no tack 1 kg weight

Specifications

Color:

Pure Brilliant White, White, ready-mix & custom colors

Finish:

Eggshell, 20-30 units @ 85°

Clean-up Solvent:

Soap and water

Density:

10.8 lbs/gal (1.29 kg/L)

VOC:

1.04 lbs/gal (125 g/L)

Solids:

Volume - 36% ± 1%

Weight - 51% ± 1%

Practical Coverage:

Apply at 400 sq ft/gal (10 m²/L). Actual coverage may vary depending on substrate and application method.

Flame Spread Rating:

Class A (0-25) over non-combustible surfaces

Flash Point:

None

Dry Time 77°F (25°C) & 50% RH:

To touch - 30-60 minutes

To recoat - 2-4 hours

Shelf Life:

1 year minimum - unopened

General Surface Preparation

All surfaces must be sound, dry, clean and free of oil, grease, dirt, mildew, form release agents, curing compounds, loose and flaking paint and other foreign substances.

NEW SURFACES: Drywall - Prime with Dulux Basecoat 1000 or Aquacrylic GRIPPER 3210 or latex primer 1030. **Wood** - Prime with Aquacrylic GRIPPER 3210, Stain JAMMER 1110 or latex undercoater 1020. **Concrete, Plaster and Masonry** - Cure at least 30 days before painting. pH must be 10.0 or lower. Roughen unusually slick poured or precast concrete by acid etching or sandsweeping. Follow acid manufacturer's application and safety instructions. Rinse thoroughly with water and allow to dry. Must be internally dry. Remove loose aggregate. Prime with Dulux Basecoat 1000 or Aquacrylic GRIPPER 3210. Fill block with latex filler 3010 or 4000.

Prime plaster with Aquacrylic GRIPPER 3210. **Steel** - Prime with waterborne metal primer 4020, Stain JAMMER 1110 or solventborne metal primer 4160 or 4100. **Galvanized Metal and Aluminum** - Prime with Aquacrylic GRIPPER 3210, waterborne metal primer 4020 or solventborne metal primer 4160 or 4120.

PREVIOUSLY PAINTED SURFACES: Wash to remove contaminants. Rinse thoroughly with water and allow to dry. Dull glossy areas by light sanding. Remove sanding dust. Remove loose paint. Prime bare areas with primer specified under **NEW SURFACES**.

Directions For Use

TINTING: Tint the appropriate base with ICI Colorants.

SPREADING RATE: Apply at 400 sq ft/gal (10 m²/L). Actual coverage may vary depending on substrate and application method. For best hiding, tint primers towards finish coat color. Certain shades of yellow, orange, pink and red may require multiple coats.

APPLICATION: Mix thoroughly before use. May be applied by brush, roller or spray. No thinning required. For airless spray, use a .015" tip. Adjust pressure as needed. Do not apply when the surface or air temperature is below 50°F (10°C). Provide good ventilation and warmth for normal drying.

DRYING TIME: At 77°F (25°C) and 50% R.H., dries to touch in 30-60 minutes and to recoat in two to four hours. Low temperature, high humidity, thick films or poor ventilation will increase these times.

CLEAN-UP: Clean immediately with warm, soapy water.

WASHING INSTRUCTIONS: Allow at least seven days after application before washing. Use non-abrasive, mild detergent and cellulose sponge.

Precautions

WARNING! CAUSES EYE, SKIN AND RESPIRATORY TRACT IRRITATION. HARMFUL IF SWALLOWED. CONTAINS ETHYLENE GLYCOL WHICH CAN CAUSE SEVERE KIDNEY DAMAGE WHEN INGESTED AND HAS BEEN SHOWN TO CAUSE BIRTH DEFECTS IN LABORATORY ANIMALS. USE ONLY WITH ADEQUATE VENTILATION. KEEP OUT OF THE REACH OF CHILDREN. For emergency information call (800) 545-2643. If sanding is done, wear a dust mask to avoid breathing of sanding dust. Do not breathe vapors or spray mist. If you experience eye watering, headaches, or dizziness, leave the area. If properly used, a respirator may offer additional protection. Obtain professional advice before using. Close container after each use. **FIRST AID:** In case of skin contact, wash off quickly with plenty of soap and water, remove contaminated clothing. For eye contact flush immediately with large amounts of water, for at least 15 minutes. Obtain emergency medical treatment. If swallowed, obtain medical treatment immediately. If inhalation causes physical discomfort, remove to fresh air. If discomfort persists or any breathing difficulty occurs, get medical help. **KEEP FROM FREEZING. Note: These warnings encompass the product series. Prior to use, read and follow product-specific MSDS and label information.**

051-0890

Shipping

FREIGHT CLASSIFICATION:

Paint, Freezable

PACKAGING:

1 gallon (3.785 L)
5 gallons (18.925 L)

FLASH POINT:

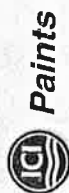
None

 **Dulux Paint Centers**

From the Makers of Dulux, Sinclair, Glidden & Devco Coatings

ICI Paints, 925 Euclid Ave., Cleveland, Ohio 44115 1-800-984-5444 www.iciduluxpaints.com

LIMITATION OF LIABILITY To the best of our knowledge, the technical data contained herein are true and accurate at the date of issuance but are subject to change without prior notice. We guarantee our product to conform to the specifications contained herein. WE MAKE NO OTHER WARRANTY OR GUARANTEE OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSE. Liability, if any, is limited to replacement of the product or refund of the purchase price. LABOR OR COST OF LABOR AND OTHER CONSEQUENTIAL DAMAGES ARE HEREBY EXCLUDED.



MATERIAL SAFETY DATA SHEET

prepared 03/03/99

HAZARDS IDENTIFICATION

Primary route(s) of exposure : Inhalation, skin contact, eye contact, ingestion.

Effects of overexposure :

Inhalation : Irritation of respiratory tract, lungs. Prolonged inhalation may lead to mucous membrane irritation, drowsiness, dizziness and/or lightheadedness, headache, nausea, coughing, central nervous system depression, difficulty of breathing, kidney damage.

Skin contact : Irritation of skin. Prolonged or repeated contact can cause dermatitis, defatting. Possible sensitization to skin.

Eye contact : Irritation of eyes. Prolonged or repeated contact can cause conjunctivitis.

Ingestion : Ingestion may cause mouth and throat irritation, dizziness and/or lightheadedness, headache, vomiting, gastro-intestinal disturbances, severe abdominal pain, apathy, central nervous system depression, respiratory problems, intoxication, kidney damage, pulmonary edema, loss of consciousness, acute poisoning, respiratory failure, cardiac failure, brain damage.

Medical conditions aggravated by exposure : Eye, skin, respiratory disorders lung disorders asthma-like conditions kidney disorders

handling, especially before eating or smoking. Keep containers tightly closed and upright when not in use. Avoid conditions which result in formation of inhalable particles such as spraying or abrading (sanding) painted surfaces. If such conditions cannot be avoided, use appropriate respiratory protection as directed under exposure controls/personal protection.

EXPOSURE CONTROLS/PERSONAL PROTECTION (ANSI Section 8)

Respiratory protection : Control environmental concentrations below applicable exposure standards when using this material. When respiratory protection is determined to be necessary, use a NIOSH/MSHA (Canadian z94.4) Approved elastomeric sealing - surface facepiece respirator outfitted with organic vapor cartridges and paint spray (dust/mist) prefilters. Determine the proper level of protection by conducting appropriate air monitoring. Consult 29CFR1910.134 For selection of respirators (Canadian z94.4).

Ventilation : Provide dilution ventilation or local exhaust to prevent build-up of vapors.

Personal protective equipment : Eye wash, safety shower, safety glasses or goggles. Impervious gloves, impervious clothing.

FIRST-AID MEASURES

(ANSI Section 4)

Inhalation : Remove to fresh air. Restore and support continued breathing. Get emergency medical attention. Have trained person give oxygen if necessary. Get medical help for any breathing difficulty. Remove to fresh air if inhalation causes eye watering, headaches, dizziness, or other discomfort.

Skin contact : Flush from skin with water. Then wash thoroughly with soap and water. Remove contaminated clothing. Wash contaminated clothing before re-use.

Eye contact : Flush immediately with large amounts of water, especially under lids for at least 15 minutes. If irritation or other effects persist, obtain medical treatment.

Ingestion : If swallowed, obtain medical treatment immediately.

FIRE-FIGHTING MEASURES

(ANSI Section 5)

Fire extinguishing media : Dry chemical or foam water fog. Carbon dioxide. Closed containers may burst if exposed to extreme heat or fire. Easily ignited if allowed to dry. In closed tanks, water or foam may cause frothing or eruption.

Fire fighting procedures : Water may be used to cool and protect exposed containers. Firefighters should use full protective clothing, eye protection, and self-contained breathing apparatus. Self-contained breathing apparatus recommended.

Hazardous decomposition or combustion products : Carbon monoxide, carbon dioxide, acid fumes, monomer vapors, oxygen, styrene. Acrylic monomers

ACCIDENTAL RELEASE MEASURES

(ANSI Section 6)

Steps to be taken in case material is released or spilled : Comply with all applicable health and environmental regulations. Eliminate all sources of ignition. Ventilate area. Spills may be collected with absorbent materials. Evacuate all unnecessary personnel. Place collected material in proper container. Small spills - use absorbent to pick up residue and dispose of properly.

HANDLING AND STORAGE

(ANSI Section 7)

Handling and storage : Store below 100°F (38°C). Keep away from heat, sparks and open flame. Keep from freezing.

Other precautions : Use only with adequate ventilation. Do not take internally. Keep out of reach of

STABILITY AND REACTIVITY

(ANSI Section 10)

Under normal conditions : Stable see section 5 fire fighting measures

Materials to avoid : Oxidizers, acids, hydrogen fluoride. Chlorinated rubber

Conditions to avoid : Elevated temperatures, contact with oxidizing agent, freezing, sparks, open flame.

Hazardous polymerization : Will not occur

TOXICOLOGICAL INFORMATION

(ANSI Section 11)

Supplemental health information : Other effects of overexposure may include toxicity to lungs.

Carcinogenicity : Traces of free ethylene oxide (cas #75-21-8) of up to 6 ppm may be present in this product and could accumulate in the headspace of storage and transport vessels. The trace amounts of ethylene oxide are not expected to result in either acute or long-term hazards when handled according to the recommendations herein. However, ethylene oxide is a cancer hazard and a reproductive hazard. Repeated exposure to ethylene oxide may be harmful.

Reproductive effects : Not determined

Mutagenicity : Not est.

Teratogenicity : Some laboratory test results have shown ethylene glycol to be an animal teratogen.

ECOLOGICAL INFORMATION

(ANSI Section 12)

No ecological testing has been done by ICI paints on this product as a whole.

DISPOSAL CONSIDERATIONS

(ANSI Section 13)

Waste disposal : Dispose in accordance with all applicable regulations. Avoid discharge to natural waters.

REGULATORY INFORMATION

(ANSI Section 15)

As of the date of this MSDS, all of the components in this product are listed (or are otherwise exempt from listing) on the TSCA inventory. This product has been classified in accordance with the hazard criteria of the CPR (controlled products regulations) and the MSDS contains all the information required by the CPR.

Product Description

Our premium quality professional acrylic semi-gloss wall and trim enamel. Specially formulated to provide excellent adhesion, moisture resistance, coverage and application properties when applied by brush, roller or spray. Dulux Professional Semi-Gloss is the perfect choice for woodwork, complementing an eggshell or flat finish on walls. Features alkyd-like flow and leveling, easy spatter-free application, quick drying and recoat, and provides a highly durable and washable finish. Ideal for use on interior walls and trim surfaces in all residential and commercial applications. Around the world, the Dulux name from ICI stands for the finest paints available - Best by Test.

Features

- Durable semi-gloss finish
- Excellent moisture resistance
- Excellent washability
- Excellent one coat coverage
- Light clean custom colors can be tinted from Pure Brilliant White
- Easy application
- Quick drying and recoat
- Easy soap and water clean-up
- Low odor and VOC
- Performance alternate for Federal Paint Specification TT-P-1511

Composition

- Acrylic Copolymer Resin
- Titanium Dioxide and Extender Pigments
- Not manufactured with lead or mercury containing materials.

Performance Data

Property	Test Method	Results
Dry Opacity (Hiding)	ASTM D 2805	Excellent, 0.99
Directional Reflectance - White	ASTM E 97	86%
Directional Reflectance - Pure Brilliant White	ASTM E 97	92%
Scrub Resistance	ASTM D 2486	Very Good
Washability	ASTM D 3450	Excellent
Flexibility	ASTM D 522, 1/8" mandrel	Excellent, no cracking or flaking
Wet Adhesion	ASTM D 2486, modified	Excellent, pass 1 day

Specifications

Color:

Pure Brilliant White, White, ready-mix & custom colors

Finish:

Semi-Gloss, 45-55 units @ 60°

Clean-up Solvent:

Soap and water

Density:

10.6 lbs/gal (1.27 kg/L)

VOC:

1.28 lbs/gal (154 g/L)

Solids:

Volume - 38% ± 1%

Weight - 51% ± 1%

Practical Coverage:

Apply at 400 sq ft/gal (10 m²/L). Actual coverage may vary depending on substrate and application method.

Flame Spread Rating:

Class A (0-25) over non-combustible surfaces

Flash Point:

None

Dry Time 77°F (25°C) & 50% RH:

To touch - 30-60 minutes

To recoat - 2-4 hours

Shelf Life:

1 year minimum - unopened

General Surface Preparation

All surfaces must be sound, dry, clean and free of oil, grease, dirt, mildew, form release agents, curing compounds, loose and flaking paint and other foreign substances.

NEW SURFACES: Drywall - Prime with Dulux Basecoat 1000 or Aquacrylic GRIPPER 3210 or latex primer 1030. **Wood** - Prime with Aquacrylic GRIPPER 3210, Stain JAMMER 1110 or latex undercoater 1020. **Concrete, Plaster and Masonry** - Cure at least 30 days before painting. pH must be 10.0 or lower. Roughen unusually slick poured or precast concrete by acid etching or sandsweeping. Follow acid manufacturer's application and safety instructions. Rinse thoroughly with water and allow to dry. Must be internally dry.

Remove loose aggregate. Prime with Dulux Basecoat 1000 or Aquacrylic GRIPPER 3210. Fill block with latex filler 3010 or 4000. Prime plaster with Aquacrylic GRIPPER 3210. **Steel** - Prime with waterborne metal primer 4020, Stain JAMMER 1110 or solventborne metal primer 4160 or 4100.

Galvanized Metal and Aluminum - Prime with Aquacrylic GRIPPER 3210, waterborne metal primer 4020 or solventborne metal primer 4160 or 4120.

PREVIOUSLY PAINTED SURFACES: Wash to remove contaminants. Rinse thoroughly with water and allow to dry. Dull glossy areas by light sanding. Remove sanding dust. Remove loose paint. Prime bare areas with primer specified under **NEW SURFACES**.

Directions For Use

TINTING: Tint the appropriate base with ICI Colorants.

SPREADING RATE: Apply at 400 sq ft/gal (10 m²/L). Actual coverage may vary depending on substrate and application method. For best hiding, tint primers towards finish coat color. Certain shades of yellow, orange, pink and red may require multiple coats.

APPLICATION: Mix thoroughly before use. May be applied by brush, roller or spray. No thinning required. For airless spray, use a .015" tip. Adjust pressure as needed. Do not apply when the surface or air temperature is below 50°F (10°C). Provide good ventilation and warmth for normal drying.

DRYING TIME: At 77°F (25°C) and 50% R.H., dries to touch in 30-60 minutes and to recoat in two to four hours. Low temperature, high humidity, thick films or poor ventilation will increase these times.

CLEAN-UP: Clean immediately with warm, soapy water.

WASHING INSTRUCTIONS: Allow at least seven days after application before washing. Use non-abrasive, mild detergent and cellulose sponge.

Precautions

WARNING! CAUSES EYE, SKIN AND RESPIRATORY TRACT IRRITATION. HARMFUL IF SWALLOWED. CONTAINS ETHYLENE GLYCOL WHICH CAN CAUSE SEVERE KIDNEY DAMAGE WHEN INGESTED AND HAS BEEN SHOWN TO CAUSE BIRTH DEFECTS IN LABORATORY ANIMALS. USE ONLY WITH ADEQUATE VENTILATION. KEEP OUT OF THE REACH OF CHILDREN. For emergency information call (800) 545-2643. If sanding is done, wear a dust mask to avoid breathing of sanding dust. Do not breathe vapors or spray mist. If you experience eye watering, headaches, or dizziness, leave the area. If properly used, a respirator may offer additional protection. Obtain professional advice before using. Close container after each use. **FIRST AID:** In case of skin contact, wash off **quickly** with plenty of soap and water, remove contaminated clothing. For eye contact flush **immediately** with large amounts of water, for at least 15 minutes. **Obtain emergency medical treatment.** If swallowed, **obtain medical treatment immediately.** If inhalation causes physical discomfort, remove to fresh air. If discomfort persists or any breathing difficulty occurs, **get medical help.** **KEEP FROM FREEZING.** **Note: These warnings encompass the product series. Prior to use, read and follow product-specific MSDS and label information.**

DS1-0896

Shipping

FREIGHT CLASSIFICATION:

Paint, Freezable

PACKAGING:

1 gallon (3.785 L)
5 gallons (18.925 L)

FLASH POINT:

None

 **Dulux Paint Centers**

From the Makers of Dulux, Sinclair, Glidden & Devco Coatings

ICI Paints, 925 Euclid Ave., Cleveland, Ohio 44115 1-800-984-5444 www.iciduluxpaints.com

LIMITATION OF LIABILITY To the best of our knowledge, the technical data contained herein are true and accurate at the date of issuance but are subject to change without prior notice. We guarantee our product to conform to the specifications contained herein. **WE MAKE NO OTHER WARRANTY OR GUARANTEE OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSE.** Liability, if any, is limited to replacement of the product or refund of the purchase price. **LABOR OR COST OF LABOR AND OTHER CONSEQUENTIAL DAMAGES ARE HEREBY EXCLUDED.**



MATERIAL SAFETY DATA SHEET

prepared 03/03/99

DULUX PROFESSIONAL ACRYLIC SEMI-GLOSS INTERIOR WALL & TRIM PAINT

ICI Paints North America

925 Euclid Avenue Cleveland, Ohio 44115

EMERGENCY TELEPHONE NO. (800) 545-2643

HAZARDS IDENTIFICATION

Primary route(s) of exposure : Inhalation, skin contact, eye contact, ingestion.

Effects of overexposure :

Inhalation : Irritation of respiratory tract. Prolonged inhalation may lead to mucous membrane irritation, drowsiness, dizziness and/or lightheadedness, headache, coughing, central nervous system depression, kidney damage.

Skin contact : Irritation of skin. Prolonged or repeated contact can cause dermatitis, defatting. Possible sensitization to skin.

Eye contact : Irritation of eyes. Prolonged or repeated contact can cause conjunctivitis.

Ingestion : Ingestion may cause mouth and throat irritation, dizziness and/or lightheadedness, headache, vomiting, gastro-intestinal disturbances, severe abdominal pain, apathy, central nervous system depression, respiratory problems, intoxication, kidney damage, pulmonary edema, loss of consciousness, acute poisoning, respiratory failure, cardiac failure, brain damage.

Medical conditions aggravated by exposure : Eye, skin, respiratory disorders lung disorders kidney disorders

FIRST-AID MEASURES

Inhalation : Remove to fresh air. Restore and support continued breathing. Get emergency medical attention. Have trained person give oxygen if necessary. Get medical help for any breathing difficulty. Remove to fresh air if inhalation causes eye watering, headaches, dizziness, or other discomfort.

Skin contact : Flush from skin with water. Then wash thoroughly with soap and water. Remove contaminated clothing. Wash contaminated clothing before re-use.

Eye contact : Flush immediately with large amounts of water, especially under lids for at least 15 minutes. If irritation or other effects persist, obtain medical treatment.

Ingestion : If swallowed, obtain medical treatment immediately.

FIRE-FIGHTING MEASURES

Fire extinguishing media : Dry chemical or foam water fog. Carbon dioxide. Closed containers may burst if exposed to extreme heat or fire. In closed tanks, water or foam may cause frothing or eruption.

Fire fighting procedures : Water may be used to cool and protect exposed containers. Firefighters should use full protective clothing, eye protection, and self-contained breathing apparatus.

Hazardous decomposition or combustion products : Carbon monoxide, carbon dioxide, oxygen.

ACCIDENTAL RELEASE MEASURES

Steps to be taken in case material is released or spilled : Comply with all applicable health and environmental regulations. Eliminate all sources of ignition. Ventilate area. Spills may be collected with absorbent materials. Evacuate all unnecessary personnel. Place collected material in proper container. Small spills - use absorbent to pick up residue and dispose of properly.

HANDLING AND STORAGE

Handling and storage : Store below 100°F (38°C). Keep away from heat, sparks and open flame. Keep from freezing.

Other precautions : Use only with adequate ventilation. Do not take internally. Keep out of reach of children. Avoid contact with skin and eyes, and breathing of vapors. Wash hands thoroughly after

handling, especially before eating or smoking. Keep containers tightly closed and upright when not in use.

EXPOSURE CONTROLS/PERSONAL PROTECTION (ANSI Section 8)

Respiratory protection : Control environmental concentrations below applicable exposure standards when using this material. When respiratory protection is determined to be necessary, use a NIOSH/MSHA (Canadian 294.4) Approved elastomeric sealing- surface facepiece respirator outfitted with organic vapor cartridges and paint spray (dust/mist) prefilters. Determine the proper level of protection by conducting appropriate air monitoring. Consult 29CFR1910.134 For selection of respirators (Canadian 294.4).

Ventilation : Provide dilution ventilation or local exhaust to prevent build-up of vapors.

Personal protective equipment : Eye wash, safety shower, safety glasses or goggles. Impervious gloves, impervious clothing.

STABILITY AND REACTIVITY

Under normal conditions : Stable see section 5 fire fighting measures

Materials to avoid : Oxidizers, acids.

Conditions to avoid : Elevated temperatures, contact with oxidizing agent, freezing, sparks, open flame.

Hazardous polymerization : Will not occur

(ANSI Section 10)

TOXICOLOGICAL INFORMATION

Supplemental health information : Not determined

Carcinogenicity : Traces of free ethylene oxide (cas #75-21-8) of up to 6 ppm may be present in this product and could accumulate in the headspace of storage and transport vessels. The trace amounts of ethylene oxide are not expected to result in either acute or long-term hazards when handled according to the recommendations herein. However, ethylene oxide is a cancer hazard and a reproductive hazard. Repeated exposure to ethylene oxide may be harmful.

Reproductive effects : Not determined

Mutagenicity : Not est.

Teratogenicity : Some laboratory test results have shown ethylene glycol to be an animal teratogen.

(ANSI Section 11)

ECOLOGICAL INFORMATION

No ecological testing has been done by ICI paints on this product as a whole.

(ANSI Section 12)

DISPOSAL CONSIDERATIONS

Waste disposal : Dispose in accordance with all applicable regulations. Avoid discharge to natural waters.

(ANSI Section 13)

REGULATORY INFORMATION

As of the date of this MSDS, all of the components in this product are listed (or are otherwise exempt from listing) on the TSCA inventory. This product has been classified in accordance with the hazard criteria of the CPR (controlled products regulations) and the MSDS contains all the information required by the CPR.

(ANSI Section 15)

1406-0100	dulux professional interior acrylic semi-gloss-white tint base	10.60	154.28	62.07	none	100-477	*210	paint
1406-0110	dulux professional interior acrylic semi-gloss, pure brilliant white	10.60	154.28	62.07	none	100-477	*210	paint
1406-0120	dulux professional interior acrylic semi-gloss, intermediate tint base	9.75	190.18	70.37	none	100-477	*210	paint ** protect from freezing **
1406-0300	dulux professional interior acrylic semi-gloss, deep tint base	9.19	193.85	71.32	none	100-477	*210	paint ** protect from freezing **
1406-0400	dulux professional interior acrylic semi-gloss, white-high hiding	10.60	157.53	62.19	none	100-477	*210	paint
1406-1000	dulux professional interior acrylic semi-gloss, white-high hiding	10.60	157.53	62.19	none	100-477	*210	paint
1406-1010	dulux professional interior acrylic semi-gloss, white-high hiding	10.60	157.53	62.19	none	100-477	*210	paint
1406-1020	dulux professional interior acrylic semi-gloss, white-high hiding	10.60	157.53	62.19	none	100-477	*210	paint
1406-1100	dulux professional interior acrylic semi-gloss, white-high hiding	10.60	157.53	62.19	none	100-477	*210	paint
1406-1120	dulux professional interior acrylic semi-gloss, white-high hiding	10.60	157.53	62.19	none	100-477	*210	paint
1406-1347	dulux professional interior acrylic semi-gloss, white-high hiding	10.60	157.53	62.19	none	100-477	*210	paint
1406-1397	dulux professional interior acrylic semi-gloss, white-high hiding	10.60	157.53	62.19	none	100-477	*210	paint
1406-1437	dulux professional interior acrylic semi-gloss, white-high hiding	10.60	157.53	62.19	none	100-477	*210	paint
1406-1487	dulux professional interior acrylic semi-gloss, white-high hiding	10.60	157.53	62.19	none	100-477	*210	paint

Ingredients

Product Codes with % by Weight (ANSI Section 2)

Chemical Name	Common Name	CAS. No.	1406-0100	1406-0110	1406-0120	1406-0300	1406-0400	1406-1000	1406-1010	1406-1020	1406-1100	1406-1120	1406-1347	1406-1397	1406-1437	1406-1487
1,2-ethanediol	ethylene glycol	107-21-1	1-5	1-5	1-5	1-5	1-5	1-5	1-5	1-5	1-5	1-5	1-5	1-5	1-5	1-5
kaolin	clay	1332-58-7	1-5	1-5	1-5	1-5	5-10	1-5	1-5	1-5	1-5	1-5	1-5	1-5	1-5	1-5
titanium oxide	titanium dioxide	13463-67-7	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20
2-propanoic acid, butyl ester, polymer with ethenyl acetate	vinyl acrylic latex	25067-01-0	20-30	20-30	20-30	20-30	20-30	20-30	20-30	20-30	20-30	20-30	20-30	20-30	20-30	20-30
propanoic acid, 2-methyl-, monoester with 2,2,4-trimethyl-1,3-pentanediol	hexanol	25265-77-4	1-5	1-5	1-5	1-5	1-5	1-5	1-5	1-5	1-5	1-5	1-5	1-5	1-5	1-5
water	water	7732-18-5	40-50	40-50	40-50	50-60	50-60	40-50	40-50	40-50	40-50	40-50	40-50	40-50	40-50	40-50

Chemical Hazard Data

(ANSI Sections 2, 8, 11, and 15)

Common Name	CAS. No.	ACGIH-TLV			OSHA-PEL			S.R. Std.	S2	S3	CC	H	M	N	I	O
		8-Hour TWA	STEL	C	8-Hour TWA	STEL	C									
ethylene glycol	107-21-1	not est.	not est.	100 mg/m3	not est.	not est.	not est.	not est.	n	y	y	y	n	n	n	n
clay	1332-58-7	2 mg/m3	not est.	not est.	5 mg/m3	not est.	not est.	not est.	n	n	n	n	n	n	n	n
titanium dioxide	13463-67-7	10 mg/m3	not est.	not est.	10 mg/m3	not est.	not est.	not est.	n	n	n	n	n	n	n	n
vinyl acrylic latex	25067-01-0	not est.	not est.	not est.	not est.	not est.	not est.	not est.	n	n	n	n	n	n	n	n
hexanol	25265-77-4	not est.	not est.	not est.	not est.	not est.	not est.	not est.	n	n	n	n	n	n	n	n

Footnotes:

C=Ceiling - Concentration that should not be exceeded, even instantaneously.

S=Skin - Additional exposure, over and above airborne exposure, may result from skin absorption.

n/a=not applicable

not est=not established

CC=CERCLA Chemical

ppm=parts per million

mg/m3=milligrams per cubic meter

Sup Conf=Supplier Confidential

S2=Sara Section 302 EHS

S3=Sara Section 313 Chemical

S.R.Std=Supplier Recommended Standard

H=Hazardous Air Pollutant, M=Marine Pollutant

P=Pollutant, S=Severe Pollutant

Carcinogenicity Listed By:

N=NTP, I=IARC, O=OSHA, Y=yes, n=no