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

DULUX PROFESSIONAL EXTERIOR ACRYLIC SATIN

2402

HAZARDS IDENTIFICATION (ANSI Section 3)

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, dizziness and/or lightheadedness, headache, nausea, coughing, central nervous system depression, difficulty of breathing, severe lung irritation or damage.

Skin contact : Irritation of skin.

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

Ingestion : Ingestion may cause mouth and throat irritation, dizziness and/or lightheadedness, headache, nausea, gastro-intestinal disturbances, intoxication.

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

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.

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, oxides of nitrogen, toxic gases. Cyanides.

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. 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. Small spills - use absorbent to pick up residue and dispose of properly.

HANDLING AND STORAGE (ANSI Section 7)

Handling and storage : Store below 100f (38c). Keep away from heat, sparks and open flame. Keep from freezing. Keep container tightly closed in a well-ventilated area.

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. Empty containers may contain hazardous residues.

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.

STABILITY AND REACTIVITY (ANSI Section 10)

Under normal conditions : Stable see section 5 fire fighting measures

Materials to avoid : Oxidizers, reducing agents, halogens.

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

Hazardous polymerization : Will not occur

TOXICOLOGICAL INFORMATION (ANSI Section 11)

Supplemental health information : Contains a chemical that may be absorbed through skin. 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. Other effects of overexposure may include toxicity to liver, kidney, lungs, blood.

Carcinogenicity : In 2-year feed studies of c.I. Pigment red 3, there was some evidence of carcinogenic activity in male rats (adrenal gland - benign pheochromocytomas) and female rats (hepatocellular adenomas). There was also some evidence of carcinogenic activity in male mice (adenomas of renal cortex and thyroid gland), but no evidence in female mice. The international agency for research on cancer (IARC) has classified carbon black as possibly carcinogenic to humans (group 2b) based on sufficient evidence in animals and inadequate evidence in humans.

Reproductive effects : No reproductive effects are anticipated

Mutagenicity : No mutagenic effects are anticipated

Teratogenicity : No teratogenic effects are anticipated

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, for 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 29CFR1910.1200.

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
2402-0100	dulux pro exterior 100% acrylic satin finish white	10.83	99.34	66.79	none	212-453	310	paint ** protect from freezing **
2402-0110	dulux pro exterior 100% acrylic satin finish white tint base	10.83	99.46	66.79	none	212-453	310	paint ** protect from freezing **
2402-0120	dulux professional exterior satin finish 100% acrylic latex - pure brilliant white	10.83	99.46	66.79	none	212-453	310	paint ** protect from freezing **
2402-0300	dulux pro exterior 100% acrylic satin finish intermediate tint base	10.17	99.82	65.10	none	212-453	310	paint ** protect from freezing **
2402-0400	dulux pro exterior 100% acrylic satin finish deep tint base	9.62	97.78	65.38	none	212-453	310	paint ** protect from freezing **
2402-7110	exterior 100% acrylic satin finish artison brown	9.90	99.58	63.79	none	212-453	*310	paint ** protect from freezing **
2402-8050	exterior 100% acrylic satin finish crimson red	9.61	100.54	62.91	none	212-453	310	paint ** protect from freezing **
2402-8120	exterior 100% acrylic satin finish green bank	9.87	99.70	62.05	none	212-453	310	paint ** protect from freezing **
2402-8140	exterior 100% acrylic satin finish classic liberty red	10.33	98.98	63.03	none	212-453	310	paint ** protect from freezing **
2402-8370	exterior 100% acrylic satin finish stewart house brown	9.74	99.82	65.63	none	212-453	*310	paint ** protect from freezing **
2402-9990	exterior 100% acrylic satin finish black	9.57	99.46	64.18	none	212-453	*310	paint ** protect from freezing **

Ingredients

Product Codes with % by Weight (ANSI Section 2)

Chemical Name	Common Name	CAS. No.	2402-0100	2402-0110	2402-0120	2402-0300	2402-0400	2402-7110	2402-8050	2402-8120	2402-8140	2402-8370	2402-9990
ethanol, 2-(2-butyoxyethoxy)-	diethylene glycol monobutyl ether	112-34-5	1-5	1-5	1-5	1-5	1-5	1-5	1-5	1-5	1-5	1-5	1-5
hydrated magnesium aluminum silicate	thickener	12174-11-7	1-5	1-5	1-5	1-5	1-5					1-5	
c.i. pigment green 7	phthalo green pigment	1328-53-6								1-5			
iron oxide	iron oxide	1332-37-2						1-5			5-10	1-5	
carbon black	carbon black	1333-86-4						.1-1.0				.1-1.0	.1-1.0
titanium oxide	titanium dioxide	13463-67-7	10-20	10-20	10-20	5-10	1-5	1-5					
2-naphthalenol, 1-((4-methyl-2-nitrophenyl)azo)-	pigment red 3	2425-85-6							5-10				
nepheline syenite	feldspar-type minerals	37244-96-5	5-10	5-10	5-10	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20
c.i. pigment yellow 42	yellow iron oxide	51274-00-1						1-5		1-5		1-5	
water	water	7732-18-5	40-50	40-50	40-50	40-50	50-60	50-60	50-60	40-50	40-50	50-60	50-60
acrylic resin	acrylic resin	Sup. Conf.	10-20	10-20	10-20	20-30	20-30	20-30	20-30	20-30	20-30	20-30	20-30

Chemical Hazard Data

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

Common Name	CAS. No.	ACGIH-TLV 8-Hour TWA	ACGIH-TLV STEL	ACGIH-TLV C	ACGIH-TLV S	OSHA-PEL 8-Hour TWA	OSHA-PEL STEL	OSHA-PEL C	OSHA-PEL S	S.R. Std.	S2	S3	CC	H	M	N	I	O
diethylene glycol monobutyl ether	112-34-5	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	n	y	n	y	n	n	n	n
thickener	12174-11-7	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	n	n	n	n	n	n	n	n
phthalo green pigment	1328-53-6	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	n	n	n	n	n	n	n	n
iron oxide	1332-37-2	5 mg/m3	not est.	not est.	not est.	10 mg/m3	not est.	not est.	not est.	not est.	n	n	n	n	n	n	n	n
carbon black	1333-86-4	3.5 mg/m3	not est.	not est.	not est.	3.5 mg/m3	not est.	not est.	not est.	not est.	n	n	n	n	n	n	y	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.	n	n	n	n	n	n	n	n
pigment red 3	2425-85-6	10 mg/m3	not est.	not est.	not est.	15 mg/m3	not est.	not est.	not est.	not est.	n	n	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.	n	n	n	n	n	n	n	n
yellow iron oxide	51274-00-1	5 mg/m3	not est.	not est.	not est.	10 mg/m3	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 airborn 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