



SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	2124	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	DURA-COAT	EMERGENCY TELEPHONE:	1-800-241-8180
PRODUCT DESCRIPTION:	Latex Floor Coating	INFOTRAC:	1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

2. Hazards Identification

GHS CLASSIFICATION: Flam. Liq.: Category 4 Carc.: Category 1A Repr.: Category 1B	SIGNAL WORD: DANGER	SYMBOL:	
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HAZARD-DETERMINING COMPONENTS OF LABELING:
titanium dioxide
2-(2-methoxyethoxy)ethanol
Quartz (SiO₂)

HAZARD STATEMENTS:
Combustible liquid.
May cause cancer.
May damage fertility or the unborn child.

PRECAUTIONARY STATEMENTS:
Keep away from flames and hot surfaces. No smoking.
Wear protective gloves/eye protection/face protection.
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
IF EXPOSED OR CONCERNED: Get medical advice/attention.
IN CASE OF FIRE: Use for extinction: CO₂, sand, extinguishing powder.

STORAGE: Store locked up. Store in a well-ventilated place. Keep cool.

DISPOSAL: Dispose of contents/container in accordance with local/regional/national/international regulations.

HAZARDS NOT OTHERWISE SPECIFIED:
Results of PBT and vPvB assessment:
PBT: Not applicable.
vPvB: Not applicable.

3. Composition / Information on Ingredients

CHEMICAL NAME	CAS	CONCENTRATION % by WEIGHT
calcium carbonate	471-34-1	10-20
2-(2-methoxyethoxy) ethanol	111-77-3	2.5-<5
3-butoxypropan-2-ol	5131-66-8	1-2.5
titanium dioxide	13463-67-7	1-2.5
propane-1,2-diol	57-55-6	1-2.5%
Quartz (SiO ₂)	14808-60-7	0.1-≤0.5%
Carbon black	1333-86-4	0.1-≤0.5
N-methyl-2-pyrrolidone	872-50-4	0.1-≤0.5%

4. First Aid Measures

EMERGENCY OVERVIEW

EYES: Rinse opened eye for several minutes under running water.

SKIN: Generally, the product does not irritate the skin.

INHALATION:
Supply fresh air; consult doctor in case of complaints.

INGESTION:
Do not induce vomiting; immediately call for medical help. A person vomiting while lying on their back should be turned onto their side.

MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED:
No further relevant information available.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:
No further relevant information available.

5. Fire-Fighting Measures

SUITABLE FIRE EXTINGUISHING MEDIA:

CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

No further relevant information available.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:

Wear self-contained respiratory protective device.

6. Accidental Release Measures

PERSONAL PRECAUTIONS:

Not required.

ENVIRONMENTAL PRECAUTIONS AND CLEAN-UP METHODS:

Do not allow product to reach sewage system or any watercourse. Inform respective authorities in case of seepage into watercourse or sewage system. Dilute with plenty of water. Do not allow to enter sewers/surface or ground water.

METHODS & MATERIALS FOR CONTAINMENT & CLEANUP:

Absorb with liquid-binding material (sand, diatomite, universal binder or other inert absorbent).

REFERENCE TO OTHER SECTIONS:

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7. Handling and Storage

SAFE HANDLING:

Precautions for safe handling: No special precautions are necessary if used correctly.

Information about protection against explosions and fires: No special measures required.

SAFE STORAGE & INCOMPATIBILITIES:

Requirements to be met by storerooms and receptacles: No special requirements.

Information about storage in one common storage facility: Not required.

Further information about storage conditions: Store in cool, dry conditions in well-sealed receptacles.

Specific end use(s): No further relevant information available.

8. Exposure Controls / Personal Protection

Additional information about design of technical systems: No further data; see Section 7.

CONTROL PARAMETERS:

Components with limit values that require monitoring at the workplace:

471-34-1 calcium carbonate

PEL Long-term value: 15* 5** mg/m³

*total dust **respirable fraction

REL Long-term value: 10* 5** mg/m³

*total dust **respirable fraction

TLV TLV withdrawn

57-55-6 propane-1,2-diol

WEEL Long-term value: 10 mg/m³

872-50-4 N-methyl-2-pyrrolidone

WEEL Long-term value: 10 ppm

Skin

INGREDIENTS WITH BIOLOGICAL LIMIT VALUES:

872-50-4 N-methyl-2-pyrrolidone

BEI 100 mg/L

Medium: urine

Time: end of shift

Parameter: 5-Hydroxy-N-methyl-2-pyrrolidone

ADDITIONAL INFORMATION:

The lists that were valid during the creation were used as basis.

PERSONAL PROTECTIVE EQUIPMENT:



EYE/FACE PROTECTION: Goggles recommended during refilling.

SKIN PROTECTION: The glove material has to be impermeable and resistant to the product/the substance/the preparation. Due to missing tests, no recommendation to the glove material can be given for the product/the preparation/the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation. The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

RESPIRATORY PROTECTION: In case of brief exposure or low concentrations, use respiratory filter device. In case of intensive or longer exposure, use respiratory protective device that is independent of circulating air.

GENERAL HYGIENE CONSIDERATIONS: Wash hands before eating, smoking, using the restroom and at the end of the workday.

9. Physical & Chemical Properties

Appearance:		FLAMMABILITY(solid/gas):	Not applicable.
Form:	Liquid.	DANGER OF EXPLOSION:	Not determined.
Color:	Dark gray.	DENSITY AT 20°C (68°F):	1.106 g/cm ³ (9.23 lbs/gal)
Odor:	Mild.	Explosive Limit-Lower (%):	Not determined.

Odor Threshold:	Not determined.	Explosive Limit-Upper (%):	Not determined.
pH @ 20°C (68°F):	9.2	Vapor Density:	Heavier than air.
Melting Point/Range:	Undetermined.	Vapor Pressure at 20°C (68°F):	23 hPa (17 mm Hg)
Boiling Point/Range:	> 100°C (> 212°F)	Relative Density:	Not determined.
Solids Content:	39.8 %	Solubility (water):	Fully miscible.
Flash Point:	72°C (162°F)	Auto-Ignition Temperature:	Product is not self-igniting.
Evaporation Rate:	Slower than ether.	Decomposition Temperature:	Not determined.
Solvent Content:		Viscosity (kinematic):	Not determined.
Organic Solvents:	7.7%	Viscosity (dynamic):	Not determined.
Water:	52.5%	Partition Coefficient (n-octanol/water):	Not determined.
VOC content:	7.7%; <250 g/l		

10. Stability & Reactivity Information

THERMAL DECOMPOSITION/CONDITIONS TO BE AVOIDED.

No decomposition if used according to specifications.

POSSIBILITY OF HAZARDOUS REACTIONS:

No dangerous reactions known.

INCOMPATIBLE MATERIALS:

Strong acids and alkalis, bleach, strong oxidizers.

CONDITIONS TO AVOID:

Do not store or use near sparks, flame or other ignition sources.

DECOMPOSITION PRODUCTS:

Burning may yield carbon monoxide, carbon dioxide, oxides of nitrogen and various hydrocarbons.

11. Toxicological Information

ACUTE TOXICITY:

LD/LC50 values that are relevant for classification:

111-77-3 2-(2-methoxyethoxy) ethanol

Oral LD50 5500 mg/kg (rat)

Dermal LD50 6540 mg/kg (rabbit)

ACUTE/POTENTIAL HEALTH EFFECTS:

EYES: No irritant effect.

SKIN: No irritant effect.

SENSITIZATION: No sensitizing effects known.

CARCINOGENIC CATEGORIES:

IARC (International Agency for Research on Cancer):

13463-67-7 titanium dioxide 2B

14808-60-7 Quartz (SiO₂) 1

7631-86-9 silicon dioxide, chemically prepared 3

1333-86-4 Carbon black 2B

111-76-2 2-butoxyethanol 3

NTP (National Toxicology Program):

14808-60-7 Quartz (SiO₂) K

OSHA-Ca (Occupational Safety & Health Administration): None of the ingredients is listed.

12. Ecological Information

AQUATIC TOXICITY:

No further relevant information available.

PERSISTENCE AND DEGRADABILITY:

No further relevant information available.

BIOACCUMULATIVE POTENTIAL:

No further relevant information available.

MOBILITY IN SOIL:

No further relevant information available.

OTHER ADVERSE EFFECTS:

General notes: Water hazard class 1 (Self-assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13. Disposal Consideration

WASTE TREATMENT METHODS:

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

UNCLEAN PACKAGES:

Recommendation: Disposal must be made according to official regulations.

Recommended cleansing agent: Water, if necessary with cleansing agents.

14. Transportation Information

UN-Number:

DOT, IMDG, IATA: UN1263

ADN: Not regulated.

UN proper shipping name:

DOT Paint.

ADN: Not regulated.

IMDG, IATA PAINT

Transport hazard class(es):

DOT, ADN, IMDG, IATA

Class Not Regulated.

Packing group:

DOT, IMDG, IATA Not Regulated.

Environmental hazards:

Marine pollutant: No.

Special precautions for user: Not applicable.

EMS Number: F-E, S-E

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable.**UN "Model Regulation":**

UN1263, Paint.

15. Regulatory Information**SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE: SARA:****Section 355 (extremely hazardous substances):** None of the ingredients is listed.**Section 313 (Specific toxic chemical listings):**

111-77-3 2-(2-methoxyethoxy)ethanol

872-50-4 N-methyl-2-pyrrolidone

1336-21-6 ammonia

121-44-8 triethylamine

111-76-2 2-butoxyethanol

TSCA (Toxic Substances Control Act): All ingredients are listed.**Proposition 65:****Chemicals known to cause cancer:**

13463-67-7 titanium dioxide

14808-60-7 Quartz (SiO₂)

1333-86-4 Carbon black

Chemicals known to cause reproductive toxicity for females: None of the ingredients is listed.**Chemicals known to cause reproductive toxicity for males:** None of the ingredients is listed.**Chemicals known to cause developmental toxicity:** 872-50-4 N-methyl-2-pyrrolidone**CARCINOGENIC CATEGORIES:****EPA (Environmental Protection Agency)**

111-76-2 2-butoxyethanol NL

TLV (Threshold Limit Value established by ACGIH)

13463-67-7 titanium dioxide A4

14808-60-7 Quartz (SiO₂) A2

1333-86-4 Carbon black A4

121-44-8 triethylamine A4

111-76-2 2-butoxyethanol A3

NIOSH-Ca (National Institute for Occupational Safety and Health)

13463-67-7 titanium dioxide

14808-60-7 Quartz (SiO₂)

1333-86-4 Carbon black

16. Other Information**Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

Flam. Liq. 4: Flammable liquids, Hazard Category 4

Carc. 1A: Carcinogenicity, Hazard Category 1A

Repr. 1B: Reproductive toxicity, Hazard Category 1B

DISCLAIMER:

To the best of our knowledge, information contained herein is accurate. However, there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard, which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product, which may not be covered by this SDS. The user is responsible for full compliance.