






SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	2103	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	DIAMOND KOTE	EMERGENCY TELEPHONE:	1-800-241-8180
PRODUCT DESCRIPTION:	Deep-Penetrating Rubber Sealer	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 3 Skin Irrit.: Category 2 Eye Irrit.: Category 2A	Asp. Tox.: Category 1 STOT SE: Category 3 Carc.: Category 2	SIGNAL WORD: DANGER	SYMBOL:			
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HAZARD-DETERMINING COMPONENTS OF LABELING:

Solvent naphtha (petroleum), light arom.
Cumene
Distillates (petroleum), hydrotreated light
1,2,4-trimethylbenzene

HAZARD STATEMENTS:

Flammable liquid and vapor.
Causes skin irritation.
Causes serious eye irritation.
Suspected of causing cancer.
May cause respiratory irritation.
May be fatal if swallowed and enters airways.

PRECAUTIONARY STATEMENTS:

Keep away from heat/sparks/open flames/hot surfaces. No smoking.
Use explosion-proof electrical/ventilating/lighting/equipment.
Avoid breathing dust/fume/gas/mist/vapors/spray.
Wear protective gloves/eye protection/face protection.
Ground/bond container and receiving equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.
Wash thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
IF SWALLOWED: Immediately call a doctor.
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Specific treatment (see on this label).
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
Call a doctor if you feel unwell.
IF EXPOSED OR CONCERNED: Get medical advice/attention.
If skin irritation occurs: Get medical advice/attention.
If eye irritation persists: Get medical advice/attention.
Do NOT induce vomiting.
IN CASE OF FIRE: Use for extinction: CO₂, sand, extinguishing powder.
Take off contaminated clothing and wash it before reuse.
Storage: Store locked up.
Store in a well-ventilated place. Keep container tightly closed.
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
Solvent naphtha (petroleum), light arom.	64742-95-6	30-40
Distillates (petroleum), hydrotreated light	64742-47-8	25-30
1,2,4-trimethylbenzene	95-63-6	10-<20
Xylene	1330-20-7	1-2.5
Cumene	98-82-8	1-<2.5
Ethylbenzene	100-41-4	0.1-≤0.5

4. First Aid Measures

EMERGENCY OVERVIEW

EYES: Rinse opened eye for several minutes under running water. Then consult a doctor.

SKIN: Immediately rinse with water.

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, sand, extinguishing powder. Do not use water.

UNSUITABLE FIRE EXTINGUISHING MEDIA:

Water with full jet.

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:

Wear protective equipment. Keep unprotected persons away.

ENVIRONMENTAL PRECAUTIONS:

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

METHODS & MATERIAL FOR CONTAINMENT & CLEAN UP:

Absorb with liquid-binding material (sand, diatomite, universal binder or other inert absorbent). Dispose contaminated material as waste according to Section 13. Ensure adequate ventilation. Do not flush with water or aqueous cleansing agents

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:

Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols.

Information about protection against explosions and fires: Keep ignition sources away - Do not smoke. Protect against electrostatic charges.

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: Keep container tightly sealed. 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:

95-63-6 1,2,4-trimethylbenzene

REL Long-term value: 125 mg/m³, 25 ppm

TLV Long-term value: 123 mg/m³, 25 ppm

1330-20-7 xylene

REL Long-term value: 435 mg/m³, 100 ppm

REL Short-term value: 655 mg/m³, 150 ppm

Long-term value: 435 mg/m³, 100 ppm

TLV Short-term value: 651 mg/m³, 150 ppm

Long-term value: 434 mg/m³, 100 ppm

98-82-8 cumene

REL: Long-term value: 245 mg/m³, 50 ppm

Skin

REL: Long-term value: 245 mg/m³, 50 ppm

Skin

TLV: Long-term value: 246 mg/m³, 50 ppm

Ingredients with biological limit values:

1330-20-7 xylene

BEI 1.5 g/g creatinine

Medium: urine

Time: end of shift

Parameter: Methylhippuric acids

ADDITIONAL INFORMATION:

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

PERSONAL PROTECTIVE EQUIPMENT:

EYE/FACE PROTECTION: Tightly sealed goggles.

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: Keep away from foodstuffs, beverages, and feed. Immediately remove all soiled and contaminated clothing. 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:	Product is not explosive. However, formation of explosive air/vapor mixtures is possible.
Color:	Colorless.	Explosive Limit-Lower (%):	0.5 Vol %
Odor:	Solvent-like.	Explosive Limit-Upper (%):	7.5 Vol %
Odor Threshold:	Not determined.	Vapor Density:	Heavier than air.
pH:	Not applicable.	Vapor Pressure @ 20°C (68°F):	5 hPa (4 mm Hg)
Melting Point/Range:	Undetermined.	Relative Density:	Not determined.
Boiling Point/Range:	137°C (279°F)	Solubility (water):	Not miscible or difficult to mix.
Organic Solvents:	79.7%	Auto-Ignition Temperature:	Product is not self-igniting.
Solids Content:	20.3%	Decomposition Temperature:	Not determined.
Flash Point:	38°C (100°F)	Viscosity (kinematic):	Not determined.
VOC Content:	79.7 % <700 g/l	Viscosity (dynamic):	Not determined.
Evaporation Rate:	Slower than ether.	Partition Coeff (n-octanol/water):	Not determined.
Ignition Temperature:	210°C (410°F)	Density @20°C(68°F):	0.871 g/cm ³ (7.268 lbs/gal)

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:****64742-95-6 Solvent naphtha (petroleum), light arom.**

Oral	LD50	>6800 mg/kg (rat)
Dermal	LD50	>3400 mg/kg (rab)
Inhalative	LC50/4 h	>10.2 mg/l (rat)

95-63-6 1,2,4-trimethylbenzene

Oral	LD50	5000 mg/kg (rat)
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98-82-8 cumene

Oral	LD50	1400 mg/kg (rat)
Dermal	LD50	12300 mg/kg (rabbit)
Inhalative	LC50/4 h	24.7 mg/l (mouse)

PRIMARY IRRITANT EFFECT:

on the skin: No irritant effect.

on the eye: No irritating effect.

Sensitization: No sensitizing effects known.

ADDITIONAL TOXICOLOGICAL INFORMATION:

The product shows the following dangers according to internally approved calculation methods for preparations: Irritant.

CARCINOGENIC CATEGORIES:**IARC (International Agency for Research on Cancer):**

1330-20-7 xylene 3
98-82-8 cumene 2B
100-41-4 ethylbenzene 2B

NTP (National Toxicology Program): 98-82-8 cumene R

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.

ECOTOXICAL EFFECTS:

Remark: Toxic for fish.

ADDITIONAL ECOLOGICAL INFORMATION:

General notes: Water hazard class 2 (Self-assessment): hazardous for water. Do not allow product to reach ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground. Also poisonous for fish and plankton in water bodies. Toxic for aquatic organisms.

OTHER ADVERSE EFFECTS:

No further relevant information available.

13. Disposal Consideration

Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Disposal must be made according to official regulations.

14. Transportation Information

UN NUMBER:

DOT, IMDG, IATA: UN1263

UN PROPER SHIPPING NAME:

DOT: This material has a flash point at or above 38°C and may be reclassified as a combustible liquid. A combustible liquid in non-bulk packaging (≤450 liters; ≤119 gallons) is exempt from the DOT regulation when transported by ground.
Paint.

IMDG: PAINT (Solvent naphtha (petroleum), light arom., 1,2,4-trimethylbenzene), MARINE POLLUTANT

IATA: PAINT

TRANSPORT HAZARD CLASS(ES)

DOT



Class: 3 Flammable liquids

This material has a flash point at or above 38°C and may be reclassified as a combustible liquid. A combustible liquid in non-bulk packaging (≤450 liters; ≤119 gallons) is exempt from the DOT regulation when transported by ground.

Label: 3

IMDG:



Class: 3 Flammable liquids

Label: 3

IATA:



Class: 3 Flammable liquids

Label: 3

PACKING GROUP:

DOT, IMDG, IATA: III

ENVIRONMENTAL HAZARDS:

Product contains environmentally hazardous substances: Solvent naphtha (petroleum), light arom.

MARINE POLLUTANT:

Yes. Symbol (fish and tree).

SPECIAL PRECAUTIONS FOR USER:

Warning: Flammable liquids.

Danger Code (Kemler): 30

EMS Number: F-E, S-E

TRANSPORT IN BULK ACCORDING TO ANNEX IIOF MARPOL 73/78 and the IBC CODE:

Not applicable.

TRANSPORT/ADDITIONAL INFORMATION:

DOT

Quantity Limitations: On passenger aircraft/rail: 60 L
On cargo aircraft only: 220 L

IMDG Limited Quantities (LQ): 5L

Excepted Quantities (EQ): Code: E1

Maximum net quantity per inner packaging: 30 ml
Maximum net quantity per outer packaging: 1000 ml

UN "MODEL REGULATION":

UN1263, Paint, ENVIRONMENTALLY HAZARDOUS, 3, III

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):

95-63-6 1,2,4-trimethylbenzene
1330-20-7 xylene
98-82-8 cumene
100-41-4 ethylbenzene

TSCA (Toxic Substances Control Act): All ingredients are listed.

PROPOSITION 65:

Chemicals known to cause cancer:

98-82-8 cumene
100-41-4 ethylbenzene

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: None of the ingredients is listed.

CARCINOGENIC CATEGORIES:

EPA (Environmental Protection Agency):

1330-20-7 xylene	I
98-82-8 cumene	D, CBD
100-41-4 ethylbenzene	D

TLV (Threshold Limit Value established by ACGIH):

1330-20-7 xylene	A4
100-41-4 ethylbenzene	A3

NIOSH-Ca (National Institute for Occupational Safety and Health): None of the ingredients is listed.

CHEMICAL SAFETY ASSESSMENT:

A Chemical Safety Assessment has not been carried out.

16. Other Information

NFPA	Health Hazards: 2	Flammability: 2	Instability: 0	
HMIS	Health Hazards: 2	Flammability: 2	Physical hazards: 0	

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. 3: Flammable liquids, Hazard Category 3

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

Eye Irrit. 2A: Serious eye damage/eye irritation, Hazard Category 2A

Carc. 2: Carcinogenicity, Hazard Category 2

STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3

Asp. Tox. 1: Aspiration hazard, Hazard Category 1

DISCLAIMER:

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