

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Körapur 125 WHITE
 Körapur 125 GREY
 Körapur 125 BUFF
PRODUCT CODE : C 12100, 12101, C12196
CHEMICAL FAMILY:. Blend of polymers, solvents and additives

MANUFACTURER: Kömmerling Chemische Fabrik GmbH
 Zweibrücker Strasse 200
 Postfach 2162
 D-66929 Pirmasens
 Germany
 Phone 011 49-(0)6331 56 0
 Emergency Phone (001) 352 323 3500 (INFOTRAC)

PRODUCT USE: Industrial applications

2. COMPOSITION/ INFORMATION ON INGREDIENTS

Component	CAS#	% By Wt.	Exposure Limits
Xylene, mixed isomers	1330-20-7	1 - 5	100 ppm TWA ACGIH
Calcium carbonate	1317-65-3	5-10	10 mg/m ³ ACGIH TWA
Diphenylmethane, 4,4-diisocyanate	101-68-8	< 1	0.005 ppm TWA ACGIH
Diisononyl phthalate	28553-12-0	1 – 3	5 mg/m ³ TWA ACGIH
Titanium dioxide	1317-80-2	1 – 5	10 mg/m ³ TWA ACGIH

3. HAZARD IDENTIFICATION

POTENTIAL HEALTH EFFECTS:

Irritant to skin, eyes and respiratory passages. Sensitizing by inhalation and skin contact. Toxic by inhalation. May cause bronchoconstriction (asthmatic signs and symptoms). May cause central nervous effects.

ROUTE(S) OF ENTRY.....: Skin and eye contact and inhalation

HUMAN EFFECTS AND SYMPTOMS OF OVEREXPOSURE

This product contains:

Diisononyl phthalate: may cause irritation to respiratory passages.

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Calcium carbonate: may cause mechanical irritation to the eye and respiratory passages and has ACGIH and OSHA exposure limits. However, this product is a paste. When used as intended, does not generate dust. Thus the product as such, does not pose a respiration hazard for calcium carbonate.

Titanium dioxide, causes irritation to eyes and respiratory passages. Exposure exceeding TLV may cause lung damage.

Xylene is an irritant to skin, eyes and respiratory system. Overexposure may cause headache, dizziness, drowsiness and nausea. Overexposure may cause Central Nervous System effects.

Diphenylmethane-4,4'-diisocyanate is harmful by inhalation and direct contact with skin and eyes. May cause sensitization by inhalation and skin contact.

CARCINOGENICITY:

NTP.....: No

IARC.....: Yes Titanium dioxide Group 3 – see sect. 11

OSHA.....: No



WHMIS Classification : Class D, 2A and Class D, 2B

4. FIRST AID MEASURES:

SKIN.....: Remove contaminated clothing and shoes. Wash with soap or mild detergent and large amounts of water. Do not use solvents or thinners. Seek medical attention if irritation occurs.

EYES.....: Hold eyes open and flush for at least 15 minutes with large amounts of water. Get immediate medical attention.

INGESTION.: Do not induce vomiting. Give two glasses of water to dilute stomach contents. Never give anything by mouth to an unconscious person. Get immediate medical attention.

INHALATION: Remove to fresh air. If breathing is difficult administer oxygen. Get immediate medical attention.

5. FIRE FIGHTING MEASURES

FLASH POINT.....: Not applicable

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EXTINGUISHING MEDIA...Alcohol foam, carbon dioxide, dry powder, or water spray.

SPECIAL FIRE FIGHTING PROCEDURES: Use self-contained breathing apparatus and full protective clothing.

6. ACCIDENTAL RELEASE MEASURES:

SPILL AND LEAK PROCEDURES: Evacuate non emergency personnel. Only trained and properly protected personnel should handle cleanup. Collect onto inert absorbent and place in suitable containers.

7. HANDLING AND STORAGE

STORAGE: Store closed containers in cool, dry area away from heat, direct sunlight, oxidizing agents, and strong acids and alkalis and water.

HANDLING: Avoid inhalation and skin and eye contact. Do not eat, drink or smoke in area.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Use in an area with appropriate engineering controls to keep air concentrations below the exposure guideline.

RESPIRATORY PROTECTION: If air levels are maintained below exposure guidelines, respiratory protection is not required. For exposures above the guideline, use a full-face air purifying respirator.

SKIN PROTECTION: Clothing suitable to prevent skin contact. Use butyl rubber or Neoprene gloves and protective clothing. Check suitability recommendations by protective equipment manufacturers, especially towards chemical breakthrough resistance.

EYE PROTECTION: Safety goggles with side shields.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL FORM:..... Pasty solid

COLOR:..... White, Grey or Buff

ODOR:..... Solvent like

IGNITION TEMPERATURE:.....>200° C

EXPLOSION LIMITS:.....Lower 0.4, Upper 8.0 (Vol.%)

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BOILING POINT:..... NA
VAPOR PRESSURE:..... <100 hPa
SOLUBILITY IN WATER:..... Insoluble-reacts with water

DENSITY:..... 1.19 g/cm³

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide, and toxic fumes.

POLYMERIZATION: Will not occur under regular conditions of use.

INCOMPATIBILITIES: May react with amines alcohols and water.

11. TOXICOLOGICAL INFORMATION

Irritant to skin and eyes. Sensitization is possible by inhalation and skin contact. Titanium dioxide – IARC classification is group 3, limited animal evidence and it is not classifiable as a human carcinogen. ACGIH A4 Not classifiable as a human carcinogen.

12. ECOLOGICAL INFORMATION

Avoid contamination of ground water or waterways. Do not discharge into sewers.

13. DISPOSAL CONSIDERATIONS

Incinerate or dispose of in accordance with Federal, State or Local regulations.

14. TRANSPORT INFORMATION

DOT SHIPPING NAME Not regulated.

15. REGULATORY INFORMATION

All components of this product are on the TSCA Inventory.

SARA Title III:

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This product contains 2.0% xylene which is subject to the supplier notification requirements of Section 313 of the Superfund Amendments and Reauthorization Act (SARA/EPCRA) and the requirements of 40 CFR Part 372.

Note: Entries under this section cover only those regulations typically addressed in the MSDS generating process, such as, TSCA, and EPCRA/SARA Title III.

16. OTHER INFORMATION

WHMIS LABEL: REQUIRED

IRRITANT TO SKIN, EYES AND RESPIRATORY PASSAGES. INHALATION AND SKIN CONTACT MAY CAUSE SENSITIZATION.

To the best of our knowledge, the information contained in this MSDS is accurate. It is intended to assist the user in his evaluation of the product's hazards, and safety precautions to be taken in its use. The data on this MSDS relate only to the specific material designated herein. We do not assume any liability for the use of, or reliance on this information, nor do we guarantee its accuracy or completeness.

Prepared: March 31, 2003
Amended: September 22, 2004