

# MATERIAL SAFETY DATA SHEET

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAMES:	Körapur 125 WHITE, GREY and BUFF
PRODUCT CODES:	C 12100, 12101, 12169
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 49 (0)6331 56 2423 Emergency Phone (USA/Canada) 800 352 323 3500 (INFOTRAC)

### 2. 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 system effects.

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

Appearance/Odor. White or grey pasty solid with a solvent-like odor.

#### CARCINOGENICITY:

NTP: No, IARC: Yes Titanium Dioxide Group 2B-see sect. 11, OSHA: No

This product is hazardous by the OSHA Hazard Communication Standard (29CFR 1910.1200).

### 3. COMPOSITION/ INFORMATION ON INGREDIENTS

Component	CAS#	% By Wt.
Xylene, mixed isomers	1330-20-7	1 - 5
Calcium carbonate	1317-65-3	5 - 10
Diphenylmethane, 4,4-diisocyanate	101-68-8	<1
Diisononyl phthalate	28553-12-0	1-3
Titanium Dioxide	1317-80-2	1 - 5

# 4. FIRST AID MEASURES:

SKIN: Immediately 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

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

SPECIAL FIRE FIGHTING PROCEDURES: Emits toxic fumes. 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

#### EXPOSURE LIMITS:

Component	CAS#	Exposure Limits
Xylene, mixed isomers	1330-20-7	100ppm TWA ACGIH
Calcium carbonate	1317-65-3	15*,5** mg/ m <sup>3</sup> OSHA PEL
Diphenylmethane, 4,4-diisocyanate	101-68-8	0.005 ppm TWA ACGIH
Titanium Dioxide	1317-80-2	10 mg/ m <sup>3</sup> TWA ACGIH
*total dust, ** respirable fraction		

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 or Grey
FLASH POINT:	Not applicable
ODOR:	Solvent like
IGNITION TEMPERATURE:	>200 ° C
EXPLOSION LIMITS:	Lower 0.4, Upper 8.0 (Vol.%)
BOILING POINT:	NA
VAPOR PRESSURE:	<100hPa
SOLUBILITY IN WATER:	Insoluble-reacts with water
DENSITY:	$1.19 \text{ g/cm}^3$

# 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.

Diisononyl phthalate: may cause irritation to respiratory passages

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

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

<u>Calcium carbonate</u>: may cause mechanical irritation to the eye and respiratory passages and has ACGIH and OSHA exposure limits. However, this product is a paste.

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

Titanium dioxide - IARC classification is group 2B, possibly carcinogenic to humans based on animal evidence.

When used as intended, does not generate dust. Thus the product as such, does not pose a respiration hazard for calcium carbonate or titanium dioxide.

# 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. <u>REGULATORY INFORMATION</u>

All components of this product are on the TSCA Inventory.

SARA Title III:

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

HAZCOM LABEL: WARNING: IRRITANT TO SKIN, EYES AND RESPIRATORY PASSAGES. INHALATION AND SKIN CONTACT MAY CAUSE SENSITIZATION.

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HMIS<sup>®</sup> LABEL



This MSDS conforms to the ANSI Z400.1-2004 standard.

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.

Version 1, Prepared: March 31, 2003 Version 2, Prepared: September 22, 2004 Version 3, Prepared: October 14, 2008

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