

Material safety data sheet

1. IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY

AATCC Synthetic Carpet soil 09 Z-2

Company/undertaking identification:

wfk-Testgewebe GmbH

Telephone: +49-2157-871977

Fax: +49-2157-90657

2. COMPOSITION/INFORMATION IN INGREDIENTS

Product name: AATCC Synthetic Carpet soil 09 Z-2

Composition: AATCC Synthetic Carpet soil 09 Z-2

Peat moss	38,00 %
Cement	17,00 %
Kaolin Clay	17,00 %
Silica	17,00 %
Carbon Black	1,75 %
Red Iron Oxide	0,50 %
Mineral Oil	<u>8,75 %</u>
	100,00 %

3. HAZARDS IDENTIFICATION OF THE PRODUCT

lung damage, congestion of heart, liver, kidneys, spleen, alters blood composition, central nervous system effects, mechanical eye and skin irritation, respiratory and digestive tract burns, metal fume fever

4. FIRST AID MEASURES

Product inhaled:	Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid. Prompt action is essential
Product on the skin:	flush the affected area with water and soap. Remove contaminated shoes and clothing. Wash before reuse. Get medical aid if irritation develops or persists.
Product in the eye:	Immediately flush the eye with plenty of water and continue for 10 minutes, occasionally lifting upper and lower eyelids. Seek medical attention.
Product ingested:	call physician. If conscious, immediately induce vomiting

5. FIRE-FIGHTING MEASURES

Applicable for fire fighting	large fire: water spray, foam small fire: dry chemicals, carbon dioxide, sand, earth
Not applicable for fire fighting	None known
Special exposure hazards arising from the product itself, from combustion products or from resulting gases personal precaution	Irritative and highly toxic gases may be produced by thermal decomposition or combustion use protective equipment, self contained breathing apparatus with full facepiece operated in positive pressure mode.

AATCC Synthetic Carpet soil 09 Z-2

6. ACCIDENTIAL RELEASE MEASURES

Personal precautions	wear respiratory protection, wear appropriate gloves to protect skin, wear protective goggles, wear appropriate clothing to minimize contact with skin
Environmental precaution	don't allow bigger amounts to be released into sewer system.
Methods of cleaning up/of removing	vacuum or sweep up material and place into a suitable disposal container. Scoop up with non-sparking tool, remove all sources of ignition. Avoid making dust. Wash thoroughly after handling

7. HANDLING AND STORAGE

Handling	use proper personal protective equipment as indicated in section 7. Avoid contact with eyes, skin or clothing.
storage	Store in cool, dry, well-ventilated area in tightly closed container away from oxidizing or incompatible material
Waste disposal method	dispose with all applicable federal, state, and local environmental regulations

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Information on the system design:	no special measures required.
Components with specific control parameters:	
Personal protection:	avoid eye-contact; avoid skin-contact. Remove soiled clothes. Wash the affected area with water and soap

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	solid
Colour	dark grey powder
Odor	odorless
Flash point	not applicable

10. STABILITY AND REACTIVITY

conditions to avoid:	
Materials to avoid:	hydrogen fluoride, strong acids/bases, aluminum, bromine, pentafluoride, calcium hypochlorite, carbon dioxide, cesium, carbide, ethylene oxide, hydrazine, performic acid, strong oxidizing agents, oxidizing agents, alkali metals, iron oxide, lead oxide, liquid oxygen, manganese oxide, metallic salts, chlorinated paraffins, dibenzoyl peroxide, 1,4-diazabicyclo 2.2.2. octane, molybdenum (IV) oxide, nitrobenzaldehyde, potassium hydroxide, sodium hydrogen carbonate, sodium tetrahydroborate, unsaturated oils
Hazardous decomposition products	oxides of silicon, carbon monoxide, carbon dioxide

11. TOXICOLOGICAL INFORMATION

lung damage, congestion of heart, liver, kidneys, spleen, alters blood composition, central nervous system effects, mechanical eye and skin irritation, respiratory and digestive tract burns, metal fume fever

12. ECOLOGICAL INFORMATION

	The following ecological data are estimated on the basis of the raw materials contained in the product and/or of structurally comparable substances.
Persistence and degradability:	In tests for ready degradability (e.g. OECD 301 A-F) the total organic products contained in the product achieved only values below 60 % BOD and 40- < 70 % DOC reduction (tolerance value

for classification as "ready degradable": ≥ 70 % DOC reduction and ≥ 60 % BOD/COD in 28 days).

aquatic Toxicity:

Acute fish toxicity: LC 50 –1-10 mg product/l.
Acute bacteria toxicity: EC0 = 1 – 10 mg product/l.
(O₂-consumption test with Ps. Putida according to OECD)

13. DISPOSAL CONSIDERATIONS

dispose with all applicable federal, state, and local environmental regulatories.

14. TRANSPORT INFORMATION

Not hazardous material according to RID/ADR, GGVS/GGVE, ADNR, IMDG, ICAO-TI/IATA-DGR

15. REGULATORY INFORMATION

Labelling according to EG- recommendations 67/548/EWG and changes

Not relevant

National prescriptions:

Water hazard class (WGK): 2 (self classification on the basis of component assessments or analogy conclusions without addition/subtraction of points for good/poor biodegradability etc.)

16. OTHER INFORMATION

this product is for industrial use.

This information is not related to the use of the product