

3M CHINA LIMITED

ADD: BUILDING NO.17, 300 TIAN LIN ROAD, SHANGHAI CHINA PC: 200233

CONTACT: TECHNICAL ENGINEER TEL: 021- 64855220 EXT 555

Material Safety Data Sheet

SECTION1 PRODUCT AND COMPANY IDENTIFICATION

Product name : ANTI-STATIC WAX - 3M ANTABRITE FLOOR FINISH

Product group name: ZC - International Operations

3M product no.: XY-0038-1315-7

Company: 3M CHINA LIMITED

Address: BUILDING NO.17, 300 TIAN LIN ROAD, SHANGHAI CHINA

Emergency Phone: 86-21-64855220 EXT.555

Fax: 86-21-64853969

MSDS Number: 19-9679-2

MSDS Date: 2005/4/14

SECTION2 INFORMATION ON INGREDIENTS

Ingredient	CAS No.	Concentration
WATER	7732-18-5	60 - 70
2-METHOXYMETHYLETHOXYPROPANOL	34590-94-8	5 - 15
ACRYLIC POLYMER	SECRET	5 - 15
Wetting Agent	SECRET	0.1 - 5
TRI(BUTOXYETHYL) PHOSPHATE	78-51-3	1 - 5
Salts	SECRET	1 - 5
Resin	SECRET	1 - 5
Polyethylene Wax Emulsion	SECRET	1 - 5
POLYETHYLENE	SECRET	1 - 5

SECTION3 HAZARDS IDENTIFICATION

Hazards identification: This substance is considered to be non-hazardous for transport.

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SECTION4 FIRST-AID MEASURES

Skin Exposure:In case of contact,immediately wash skin with soap and copious amounts of water.If irritation persists,call a physician.

Eye Exposure:In case of contact with eyes,flush with copious amounts of water for at east 15 minutes. Assure acequate flushing by separating the eyelids with fingers.If irritation per sists,call a physician.

Oral Exposure:If swallowed,immediately wash out mouth with water provided person is conscious.Call a physician.

SECTION5 FIRE FIGHTING MEASURES

Extinguishing Media:

Suitable:Water spray,Dry chemical,Carbon dioxide or appropriate foam.

Firefighting:

Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Specific hazards: Emit toxic fumes under fire conditions.

SECTION6 ACCIDENTAL RELEASE MEASURES

Procedures of Personal Precautions:

Exereise appropriate precautions to minimize direct contact with skin and eyes.

Methods for cleaning up:

Sweep up with spade and transfer to a dry,clean,lidded container for disposal. Ventilate area and wash spill site after material pick up is complete.

SECTION7 HANDLING AND STORAGE

Handling:

Wear appropriate protective clothing and gloves, Avoid inhalation. Avoid contact with eyes,skin and clothing. Avoid prolonged or repeated exposure. Mechanical exhaust required. Keep away from ignition sourecs,heat and flamc. Incompatibilities:strong oxidizing agents and food. No smoking at working site.

Storage:

Store in a cool,well-ventilated area. Keep away from ignition sources,heat ,flame and sunshine. Store in a tightly closed container.

SECTION8 EXPOSURE CONTROL/PPE

Engineering Controls:Use ventilation equipment if available. Safety shower and eye bath.

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Personal Protective Equipment:

Respiratory: Government approved respirator if necessary.

Eye: Wear chemical safety goggles if necessary.

Clothing: Wear appropriate protective clothing.

Hand: Wear compatible protective gloves.

Other Protect: No smoking, drinking and eating at working site. Wash thoroughly after handling.

2-METHOXYMETHYLETHOXYPROPANOL (34590-94-8)

ACGIH (ACGIH TLV-TWA): 100 ppm 606 mg/m³

ACGIH (ACGIH TLV-STEL): 150 ppm 909 mg/m³

SECTION9 PHYSICAL/CHEMICAL PROPERTUES

Appearance: Off-white paste

Odor: Weak odor

Solubility: Full soluble in water

PH: 8 – 9

Proportion: 1.02

SECTION10 STABILITY AND REACTIVITY

Stability: Stable under normal temperatures and pressures.

Materials to Avoid: High-cut and high temperature conditions.

Hazardous Decomposition Products: CO, CO₂

Hazardous Polymerization: Will not occur.

SECTION11 TOXICOLOGICAL INFORMATION

Toxieity Data: No data available.

Irritation Data: May cause irritation to eyes, respiratory system and skin.

Other toxicological information:

Inhibition of the central nervous system: signs / symptoms include headache, dizziness, nibbling sleep, lack of coordination Slow, slurred speech, dizziness and loss of consciousness.

Neurological effects: symptoms, signs include personality changes, lack of coordination, loss of sensation, limb

Tingling or numbness of weakness, trembling. Liver effects: signs / symptoms include loss of appetite, weight

Ease, fatigue, weakness, abdominal tenderness and jaundice

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SECTION12 ECOLOGICAL INFORMATION

Persistence / Biodegradability:: marked "part of the bio-degradable" is not easily biodegradable components

But in the biodegradation test is part of the degradation. Marked "a small amount of bio-degradation" of the components Biodegradation test in no significant degradation

Bioconcentration possibilities:: Experiments show marked "not of biological enrichment" by the component does not

Organisms in bioaccumulation experiments indicate "Log Kow <3 'component is already measured or calculated

log Kow values of less than 3, indicating that

They may not be in the aquatic organisms isolated from the lipid organization and through bioaccumulation to high concentration.

Ecotoxicity data:

Water aquatic toxicity data is not the substance of the wastewater treatment system in the organism toxicity data. Marked

"No data" components do not have the data on the environmental impact of unmeasured

Other ecological toxicity information: Not determined

SECTION13 DISPOSAL CONSIDERATIONS

Appropriate Method of Disposal of substance:

Spent of discarded material is not belong to hazardous waste. Contact a Hcensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with and afterburner and scrubber. Observe all federal, state, and local environmental regulations.

SECTION14 TRANSPORT INFORMATION

DOT

Non-Hazardous for Transport: This substance is considered to be non-hazardous for transport.

ADR/RID Class: None

Non-Hazardous for Transport: This substance is considered to be non-hazardous for transport.

IATA

Non-Hazardous for Air Transport: Non-hazardous for air transport.

IMO

Non-Hazardous for Sea Transport: Non-hazardous for sea transport.

UN Number: None

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SECTION15 REGULATORY INFORMATION

Dangerous Chemicals Regulations (February 2002 the State Council)

The classification of dangerous chemicals used and the mark" (GB13690-1992)

Dangerous goods classification and code" (GB6944-86)

"Safety Data Sheet prepared by the provisions" (GB16483-2000)

Information on special regulations

For more information please contact 3M China Limited.

Classified according to the European regulations

No data

SECTION16 OTHER INFORMATION

This MSDS information on the existing data on our behalf and in the process this product under normal conditions

The most appropriate use. If the user fails to comply with the guidance of this safety data sheet to use this product

Products, or this product mixed with other products, or to use other treatment methods, the responsibility conceived.