

ITEM: 2CYG6 - Floor Finish Sz 5 G

MSDS: B1680

ORDER: 0083584287

LP NUMBER: U841282316

MATERIAL SAFETY DATA SHEET (MSDS)

This MSDS should be attached or kept with the respective product with which it is associated.

MATERIAL SAFETY DATA SHEET - B1680

Associated Grainger Items
2CYG5, 2CYG6

MATERIAL SAFETY DATA SHEET

TOUGH GUY

MULTI MAINTENANCE FLOOR FINISH

VERSION NUMBER: 1

PREPARATION DATE: 2007-10-15

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: MULTI MAINTENANCE FLOOR FINISH

MSDS #: MS0600400

PRODUCT CODE: 2CYG6, 2CYG5

RECOMMENDED USE: FLOOR CARE.

MANUFACTURER, IMPORTER, SUPPLIER:

MANUFACTURED FOR:
W. W. GRAINGER, INC.
100 GRAINGER PARKWAY
LAKE FOREST, IL 60045-5201

PHONE: 1-847-535-1000

TECHNICAL SERVICE: 1-847-535-5400

EMERGENCY TELEPHONE NUMBER: 1-800-983-4582

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

CAUTION

MAY BE MILDLY IRRITATING TO EYES

MAY BE MILDLY IRRITATING TO SKIN

PRINCIPLE ROUTES OF EXPOSURE:

EYE CONTACT
SKIN CONTACT
INHALATION

EYE CONTACT: MAY BE MILDLY IRRITATING TO EYES

SKIN CONTACT: MAY BE MILDLY IRRITATING TO SKIN

INHALATION: NONE KNOWN

INGESTION: NONE KNOWN

3. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS:

INGREDIENT(S) CAS # WEIGHT %

DIPROPYLENE GLYCOL METHYL ETHER 34590-94-8 1 - 5%

ZINC AMMONIUM CARBONATE 40861-29-8 0.1 - 1.5%

HAZARDOUS COMPONENTS:

INGREDIENT(S) LD50 ORAL - RAT (MG/KG) LD50 DERMAL - RABBIT LC50 INHALATION - RAT

DIPROPYLENE GLYCOL 5135 9500 MG/KG NOT AVAILABLE
METHYL ETHER

ZINC AMMONIUM CARBONATE 500 NOT AVAILABLE NOT AVAILABLE

4. FIRST AID MEASURES

EYE CONTACT:

FLUSH IMMEDIATELY WITH PLENTY OF WATER

IF IRRITATION DEVELOPS, GET MEDICAL ATTENTION

SKIN CONTACT:

FLUSH IMMEDIATELY WITH PLENTY OF WATER

IF IRRITATION DEVELOPS, GET MEDICAL ATTENTION

INHALATION: NO SPECIFIC FIRST AID MEASURES ARE REQUIRED

INGESTION: NO SPECIFIC FIRST AID MEASURES ARE REQUIRED

AGGRAVATED MEDICAL CONDITIONS: NONE KNOWN

5. FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:

THE PRODUCT IS NOT FLAMMABLE

EXTINGUISH FIRE USING AGENT SUITABLE FOR SURROUNDING FIRE

SPECIFIC HAZARDS: NONE KNOWN

UNUSUAL HAZARDS: NONE KNOWN

SPECIFIC METHODS: NO SPECIAL METHODS REQUIRED

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:

AS IN ANY FIRE, WEAR SELF-CONTAINED BREATHING APPARATUS PRESSURE-DEMAND,
MSHA/NIOSH (APPROVED OR EQUIVALENT) AND FULL PROTECTIVE GEAREXTINGUISHING MEDIA WHICH MUST NOT BE USED FOR SAFETY REASONS:
NO INFORMATION AVAILABLE

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: USE PERSONAL PROTECTIVE EQUIPMENT

ENVIRONMENTAL PRECAUTIONS AND CLEAN-UP METHODS:
USE APPROPRIATE CONTAINMENT TO AVOID ENVIRONMENTAL CONTAMINATION
SOAK UP WITH INERT ABSORBENT MATERIAL
SWEEP UP AND SHOVEL INTO SUITABLE CONTAINERS FOR DISPOSAL
KEEP IN SUITABLE AND CLOSED CONTAINERS FOR DISPOSAL
USE A WATER RINSE FOR FINAL CLEAN-UP

7. HANDLING AND STORAGE

HANDLING:

AVOID CONTACT WITH SKIN AND EYES

FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

STORAGE:

PROTECT FROM FREEZING

KEEP TIGHTLY CLOSED IN A DRY, COOL AND WELL-VENTILATED PLACE

KEEP OUT OF REACH OF CHILDREN

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING MEASURES TO REDUCE EXPOSURE:

NO SPECIAL VENTILATION REQUIREMENTS

GENERAL ROOM VENTILATION IS ADEQUATE

PERSONAL PROTECTIVE EQUIPMENT:

EYE PROTECTION: NO SPECIAL REQUIREMENTS UNDER NORMAL USE CONDITIONS

HAND PROTECTION: NO SPECIAL REQUIREMENTS UNDER NORMAL USE CONDITIONS

SKIN AND BODY PROTECTION:

NO SPECIAL REQUIREMENTS UNDER NORMAL USE CONDITIONS

RESPIRATORY PROTECTION:

NO SPECIAL REQUIREMENTS UNDER NORMAL USE CONDITIONS

HYGIENE MEASURES:

HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFETY PRACTICE

PERSONAL PROTECTIVE EQUIPMENT: NONE

INGREDIENT(S)	CAS #	ACGIH	OSHA	MEXICO
DIPROPYLENE GLYCOL	34590-94-8	150 PPM SKIN (STEL)	150 PPM (STEL)	
METHYL ETHER		100 PPM (TWA)	100 PPM (TWA)	900 MG/M3 (STEL)
		600 MG/M3 (TWA)	60 MG/M3 (TWA)	100 PPM (TWA)

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: LIQUID

APPEARANCE: LIQUID

SPECIFIC GRAVITY: 1.036

pH: 8.6

DILUTION pH: NO INFORMATION AVAILABLE.

ELEMENTAL PHOSPHORUS: 0.18 %P

DENSITY: 8.63 LBS/GAL

BULK DENSITY: NO INFORMATION AVAILABLE

VAPOR DENSITY: NO INFORMATION AVAILABLE

EVAPORATION RATE: NO INFORMATION AVAILABLE

SOLUBILITY: DISPERSIBLE

VOC: 4.93% *

VISCOSITY: NO INFORMATION AVAILABLE

SOLUBILITY IN OTHER SOLVENTS: NO INFORMATION AVAILABLE

PARTITION COEFFICIENT (n-OCTANOL/WATER): NO INFORMATION AVAILABLE

COLOR: WHITE

ODOR: SOLVENT

BOILING POINT/RANGE: NOT DETERMINED

MELTING POINT/RANGE: NOT DETERMINED

FLASH POINT:

>200 DEG. F

>93.3 DEG. C

DECOMPOSITION TEMPERATURE: NOT DETERMINED

AUTOIGNITION TEMPERATURE: NO INFORMATION AVAILABLE

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10. STABILITY AND REACTIVITY

STABILITY: THE PRODUCT IS STABLE

POLYMERIZATION: HAZARDOUS POLYMERIZATION DOES NOT OCCUR

HAZARDOUS DECOMPOSITION PRODUCTS: NONE REASONABLY FORESEEABLE.

CONDITIONS TO AVOID: DO NOT FREEZE

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:

ORAL LD50 ESTIMATED TO BE GREATER THAN 5000 MG/KG
DERMAL LD50 ESTIMATED TO BE >2000 MG/KG

COMPONENT INFORMATION: SEE SECTION 3

CHRONIC TOXICITY: NONE KNOWN

SPECIFIC EFFECTS:

CARCINOGENIC EFFECTS: NONE KNOWN

MUTAGENIC EFFECTS: NONE KNOWN

REPRODUCTIVE TOXICITY: NONE KNOWN

TARGET ORGAN EFFECTS: NONE KNOWN

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL INFORMATION: NO DATA AVAILABLE

13. DISPOSAL CONSIDERATIONS

WASTE FROM RESIDUES/UNUSED PRODUCTS:

DISPOSE OF ACCORDING TO ALL FEDERAL, STATE AND LOCAL APPLICABLE
REGULATIONS

14. TRANSPORT INFORMATION

DOT/IDG:

PLEASE REFER TO THE BILL OF LADING/RECEIVING DOCUMENTS FOR UP TO DATE
SHIPPING INFORMATION

15. REGULATORY INFORMATION

INTERNATIONAL INVENTORIES:

ALL COMPONENTS OF THIS PRODUCT ARE LISTED ON THE FOLLOWING INVENTORIES:
U.S.A. (TSCA).

U.S. REGULATIONS:

CALIFORNIA PROPOSITION 65:

THIS PRODUCT IS NOT SUBJECT TO THE REPORTING REQUIREMENTS UNDER
CALIFORNIA'S PROPOSITION 65

SARA 311/312 HAZARD CATEGORIES:

IMMEDIATE ()
DELAYED ()
FIRE ()
REACTIVITY ()
SUDDEN RELEASE OF PRESSURE ()

CANADA:

WHMIS HAZARD CLASS: NOT FOR SALE IN CANADA.

STATE RIGHT TO KNOW:

INGREDIENT(S)	CAS #	NJRTK	MARIK	PARTK	RIRTK
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WATER	7732-18-5				
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TRIBUTOXYETHYL PHOSPHATE	78-51-3				
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MODIFIED STYRENE ACRYLIC POLYMERS	64461-17-2				
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ACRYLIC POLYMERS	TS*				
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DIPROPYLENE GLYCOL METHYL ETHER	34590-94-8	X	X	X	X
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ZINC AMMONIUM CARBONATE	40861-29-8	X	X		
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ETHYLENE COPOLYMER	67892-91-5				
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CERCLA/SARA:

INGREDIENT(S)	CAS #	WEIGHT %	CERCLA/SARA RQ (LBS)	SECTION 302 TPQ (LBS)	SECTION 313
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ZINC AMMONIUM CARBONATE	40861-29-8	0.1 - 1.5%			X
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16. OTHER INFORMATION

HMIS:

HEALTH 1
FIRE HAZARD 0
REACTIVITY 0

NFPA:

HEALTH 1
FLAMMABILITY 0
INSTABILITY 0

REASON FOR REVISION: NOT APPLICABLE

PREPARED BY: NAPRAC

ADDITIONAL ADVICE: NONE

NOTICE TO READER:

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TECHNICALLY RELIABLE. IT DOES NOT CONSTITUTE A WARRANTY, EXPRESS
OR IMPLIED, AS TO THE ACCURACY OF THE INFORMATION CONTAINED WITHIN.
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IS RESPONSIBLE TO EVALUATE ALL AVAILABLE INFORMATION WHEN USING PRODUCT
FOR ANY PARTICULAR USE AND TO COMPLY WITH ALL FEDERAL, STATE, PROVINCIAL
AND LOCAL LAWS AND REGULATIONS.

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