
STONE & TERRAZZO FLOOR SEALER/FINISH

W.W. GRAINGER

Revised: 10/12/2007

SDS

Safety Data Sheet

TOUGH GUY

MATERIAL SAFETY DATA SHEET

STONE & TERRAZZO FLOOR SEALER/FINISH

VERSION NUMBER: 1

PREPARATION DATE: 2007-10-12

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: STONE & TERRAZZO FLOOR SEALER/FINISH

MSDS #: MS0600423

PRODUCT CODE: 2CYH1, 2CYG9

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

INGESTION: NONE KNOWN

3. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS:

INGREDIENT(S)	CAS #	WEIGHT %
DIETHYLENE GLYCOL MONOETHYL ETHER	111-90-0	1 - 5%

ETHYLENE GLYCOL 2-ETHYLHEXYL ETHER 1559-35-9 1 - 5%

HAZARDOUS COMPONENTS:

INGREDIENT(S)	LD50 ORAL - RAT (MG/KG)	LD50 DERMAL - RABBIT	LC50 INHALATION - RAT
DIETHYLENE GLYCOL MONOETHYL ETHER	5500	NOT AVAILABLE	5.24 G/M3
ETHYLENE GLYCOL 2-ETHYLHEXYL ETHER	3000	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: NOT APPLICABLE

SPECIFIC HAZARDS: NOT APPLICABLE

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 GEAR

EXTINGUISHING 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: NO INFORMATION AVAILABLE

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

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: LIQUID

APPEARANCE: EMULSION

SPECIFIC GRAVITY: 1.026

pH: 8.8

DILUTION pH: NO INFORMATION AVAILABLE.

ELEMENTAL PHOSPHORUS: 0.07 %P

DENSITY: 8.55 LBS/GAL

BULK DENSITY: NO INFORMATION AVAILABLE

VAPOR DENSITY: NO INFORMATION AVAILABLE

EVAPORATION RATE: NO INFORMATION AVAILABLE

SOLUBILITY: DISPERSIBLE

VOC: 0% *

VISCOSITY: NO INFORMATION AVAILABLE

SOLUBILITY IN OTHER SOLVENTS: NO INFORMATION AVAILABLE

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

COLOR: OFF-WHITE

ODOR: AMMONIA

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

* - TITLE 17, CALIFORNIA CODE OF REGULATIONS, DIVISION 3, CHAPTER 1,
SUBCHAPTER 8.5, ARTICLE 2, CONSUMER PRODUCTS, SECTIONS 94508

10. STABILITY AND REACTIVITY

STABILITY: THE PRODUCT IS STABLE

POLYMERIZATION: HAZARDOUS POLYMERIZATION DOES NOT OCCUR

HAZARDOUS DECOMPOSITION PRODUCTS: NONE REASONABLY FORESEEABLE.

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/TDG:

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	MARTK	PARTK	RIRTK
WATER	7732-18-5				
MODIFIED POLYPROPYLENE	25722-45-6				
ACRYLIC POLYMERS	TS*				
ACRYLIC POLYMER	PROPRIETARY				
DIETHYLENE GLYCOL MONOETHYL ETHER	111-90-0	X		X	
ETHYLENE GLYCOL 2-ETHYLHEXYL ETHER	1559-35-9				

CERCLA/SARA:

INGREDIENT(S)	CAS #	WEIGHT %	CERCLA/SARA RQ (LBS)	SECTION 302 TPQ (LBS)	SECTION 313
DIETHYLENE GLYCOL MONOETHYL ETHER	111-90-0	1 - 5%			X

INGREDIENT(S)	CAA HAP	CAA ODS	CWA PRIORITY POLLUTANTS
DIETHYLENE GLYCOL MONOETHYL ETHER	X		

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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USER 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.