

Common Name: HARD SURFACE SEAL AND FINISH

Manufacturer: W.W. GRAINGER

SDS Revision Date: 10/31/2017

SDS Format: GHS-US

Item Number(s): 444N53, 444N54

Manufacturer Model Number(s):

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SAFETY DATA SHEET

DATE PREPARED: 10/31/2017

SDS NO: GRAINGER_HARD SURFACE SEAL AND FINISH

HARD SURFACE SEAL AND FINISH

1. PRODUCT AND COMPANY IDENTIFICATION



PRODUCT NAME: HARD SURFACE SEAL AND FINISH

GENERAL USE: FLOOR FINISH

PRODUCT DESCRIPTION: HARD SURFACE SEALER & FINISH

CHEMICAL FAMILY: ACRYLIC/WAX BLEND

DISTRIBUTOR:

W.W. GRAINGER INC.
100 GRAINGER PARKWAY
LAKE FOREST, IL 60045

CUSTOMER SERVICE: 800-472-4643

24 HR. EMERGENCY TELEPHONE NUMBERS:
CHEM-TEL (MEDICAL AND TRANSPORTATION): 800-255-3924
POISON CONTROL CENTER (MEDICAL): 800-222-1222

2. HAZARDS IDENTIFICATION



GHS LABEL:

HAZARD STATEMENTS:
3266XHQZ: MAY BE MILDLY IRRITATING TO EYES AND SKIN.

PRECAUTIONARY STATEMENT(S):

PREVENTION:
P262: DO NOT GET IN EYES, ON SKIN, OR ON CLOTHING.
P102: KEEP OUT OF REACH OF CHILDREN.
P264: WASH HANDS THOROUGHLY AFTER HANDLING.

RESPONSE:
P305+P351+P338:
IF IN EYES:
RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING.

P337+P313:
IF EYE IRRITATION PERSISTS: GET MEDICAL ADVICE/ATTENTION.

STORAGE:
P404: STORE IN A CLOSED CONTAINER.

DISPOSAL:
P501:
DISPOSE OF CONTENTS/CONTAINER ACCORDING TO ALL LOCAL, STATE AND FEDERAL REGULATIONS.

EMERGENCY OVERVIEW:

PHYSICAL APPEARANCE: WHITE OPAQUE LIQUID

IMMEDIATE CONCERNS: MILD EYE IRRITANT.

POTENTIAL HEALTH EFFECTS:

EYES: CONTACT MAY CAUSE EYE IRRITATION.

SKIN: MAY BE MILDLY IRRITATING WITH PROLONGED OR REPEATED CONTACT.

SKIN ABSORPTION: NONE KNOWN.

INGESTION:
ALTHOUGH OF MODERATE TO LOW TOXICITY, INGESTION OF LARGE AMOUNTS CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, DIARRHEA.

INHALATION: NONE EXPECTED.

REPRODUCTIVE TOXICITY:

TERATOGENIC EFFECTS: NONE KNOWN.

CARCINOGENICITY: NONE KNOWN.

MUTAGENICITY: NONE KNOWN.

ROUTES OF ENTRY: INGESTION, EYE

SENSITIZATION: NONE

WARNING CAUTION LABELS: NONE

3. COMPOSITION / INFORMATION ON INGREDIENTS



CHEMICAL NAME	WT. %	CAS
ACRYLATE COPOLYMER	10 - 15	N/A
DIETHYLENE GLYCOL ETHYL ETHER	0 - 5	111-90-0
TRIBUTOXYETHYL PHOSPHATE	0 - 5	78-51-3
2,2,4-TRIMETHYL-1,3-PENTANEDIOL MONOISOBUTYRATE	1 - 5	25265-77-4
2,5-FURANDIONE, POLYMER WITH PROPENE	1 - 5	25722-45-6
WATER	70 - 80	7732-18-5

4. FIRST AID MEASURES



EYES:

IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER. GET MEDICAL ATTENTION, IF IRRITATION PERSISTS.

SKIN:

WASH WITH SOAP AND WATER. GET MEDICAL ATTENTION IF IRRITATION DEVELOPS OR PERSISTS.

INGESTION:

GET IMMEDIATE MEDICAL ATTENTION. DO NOT INDUCE VOMITING UNLESS INSTRUCTED TO DO SO BY POISON CENTER OR PHYSICIAN.

INHALATION: NO KNOWN SIGNIFICANT EFFECTS OR CRITICAL HAZARDS.

SIGNS AND SYMPTOMS OF OVEREXPOSURE:

EYES: SLIGHT DISCOMFORT WITH REDNESS, WATERING EYES.

SKIN: NO KNOWN SIGNIFICANT EFFECTS OR CRITICAL HAZARDS.

INGESTION: IRRITATION OF MOUTH, THROAT, ALONG WITH STOMACH UPSET, VOMITING.

INHALATION: NO KNOWN SIGNIFICANT EFFECTS OR CRITICAL HAZARDS.

ACUTE EFFECTS: NONE KNOWN.

CHRONIC EFFECTS: NO KNOWN SIGNIFICANT EFFECTS OR CRITICAL HAZARDS.

5. FIRE FIGHTING MEASURES



FLAMMABLE CLASS:

NA = NOT APPLICABLE

GENERAL HAZARD:

NA = NOT APPLICABLE

EXTINGUISHING MEDIA:

NA = NOT APPLICABLE

FIRE FIGHTING PROCEDURES:

NA = NOT APPLICABLE

6. ACCIDENTAL RELEASE MEASURES



SMALL SPILL:

AVOID WALKING IN PRODUCT. WIPE UP OR OTHERWISE FLUSH SMALL SPILLS TO SANITARY SEWER.

LARGE SPILL:

AVOID WALKING IN MATERIAL. PREVENT PRODUCT FROM ENTERING INTO STREAM, SOIL, STORM SEWER OR OTHER BODIES OF WATER.

ENVIRONMENTAL PRECAUTIONS:

WATER SPILL: AVOID DISCHARGES INTO OPEN WATERWAYS.

LAND SPILL: AVOID DISCHARGE TO SOIL.

AIR SPILL:

NA = NOT APPLICABLE

7. HANDLING AND STORAGE



GENERAL PROCEDURES: CLOSE CONTAINER AFTER USE.

HANDLING:

AVOID CONTACT WITH SKIN AND EYES. WASH HANDS BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.

STORAGE: KEEP CONTAINER CLOSED TO PREVENT DRYING OUT.

STORAGE TEMPERATURE: STORE AT AMBIENT TEMPERATURES.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION



EXPOSURE GUIDELINES:

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200):

CHEMICAL NAME	EXPOSURE LIMITS			
	TYPE		PPM	MG/M3
DIETHYLENE GLYCOL ETHYL ETHER	SUPPLIER OEL	TWA	25	140

ENGINEERING CONTROLS: NONE

PERSONAL PROTECTIVE EQUIPMENT:

EYES AND FACE: SAFETY GLASSES WITH SIDE SHIELDS.

SKIN: RUBBER OR OTHER CHEMICAL RESISTANT GLOVES.

RESPIRATORY:

NA = NOT APPLICABLE

PROTECTIVE CLOTHING:

NA = NOT APPLICABLE

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: LIQUID

ODOR: CHARACTERISTIC.

ODOR THRESHOLD: NOT ESTABLISHED

COLOR: WHITE EMULSION

PH: 8.0 TO 9.0

PERCENT VOLATILE: >80

FLASH POINT AND METHOD: NONE

FLAMMABLE LIMITS: N/A

AUTOIGNITION TEMPERATURE:
NA = NOT APPLICABLE

VAPOR PRESSURE: NOT AVAILABLE

VAPOR DENSITY: >1 AIR = 1

BOILING POINT: 212 DEG. F; 100 DEG. C

FREEZING POINT: 32 DEG. F; 0 DEG. C

MELTING POINT: NOT AVAILABLE

THERMAL DECOMPOSITION: NOT AVAILABLE

SOLUBILITY IN WATER: DISPERSABLE

EVAPORATION RATE: (WATER =1) 1.0

DENSITY: 8.51 AT 20 DEG. C (68 DEG. F)

SPECIFIC GRAVITY: 1.02 GRAMS/ML. AT 20 DEG. C (68 DEG. F)

VISCOSITY: WATER THIN.

(VOC): 0 NONE

10. STABILITY AND REACTIVITY

REACTIVITY: STABLE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

STABILITY: NO KNOWN SIGNIFICANT EFFECTS OR CRITICAL HAZARDS.

CONDITIONS TO AVOID: STRONG OXIDIZING MATERIALS.

HAZARDOUS DECOMPOSITION PRODUCTS: NONE EXPECTED.

INCOMPATIBLE MATERIALS: STRONG ACIDS, OXIDIZERS.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:

CHEMICAL NAME	ORAL LD50 (RAT)	DERMAL LD50 (RABBIT)
ACRYLATE COPOLYMER	>10000 MG/KG (RAT)	
DIETHYLENE GLYCOL ETHYL ETHER	6031 MG/KG (MOUSE)	9143 MG/KG (RABBIT)
TRIBUTOXYETHYL PHOSPHATE	3000 MG/KG (RAT)	16 ML/KG (RABBIT)

DERMAL LD50: NO KNOWN SIGNIFICANT EFFECTS OR CRITICAL HAZARDS.

INHALATION LC50: NO KNOWN SIGNIFICANT EFFECTS OR CRITICAL HAZARDS.

SKIN CORROSION/IRRITATION:

NO KNOWN SIGNIFICANT EFFECTS OR CRITICAL HAZARDS.

RESPIRATORY OR SKIN SENSITIZATION:

NO KNOWN SIGNIFICANT EFFECTS OR CRITICAL HAZARDS.

GERM CELL MUTAGENICITY: NO KNOWN SIGNIFICANT EFFECTS OR CRITICAL HAZARDS.

CARCINOGENICITY:

IARC: NO LISTED SUBSTANCE

12. ECOLOGICAL INFORMATION



ENVIRONMENTAL DATA: NO KNOWN SIGNIFICANT EFFECTS OR CRITICAL HAZARDS.

ECOTOXICOLOGICAL INFORMATION: NOT ESTABLISHED

AQUATIC TOXICITY (ACUTE): NOT ESTABLISHED

13. DISPOSAL CONSIDERATIONS



DISPOSAL METHOD:

ALTHOUGH NOT A HAZARDOUS WASTE, THE DISCARDING OR DISPOSAL OF THIS MATERIAL SHOULD BE DONE AT A PROPERLY PERMITTED FACILITY IN ACCORDANCE WITH THE REGULATIONS 40CFR 262, 263, 264, AND 268. ADDITIONALLY, THE DISCARDING OR DISPOSAL OF THIS MATERIAL MAY BE FURTHER REGULATED BY STATE, REGIONAL, OR LOCAL REGULATIONS.

FOR LARGE SPILLS:

CONSULT WITH LOCAL AND STATE AUTHORITIES FOR LARGE VOLUME DISPOSAL.

PRODUCT DISPOSAL: SEE ABOVE.

EMPTY CONTAINER:

RINSE CONTAINER WITH CLEAR WATER. OFFER CONTAINER FOR RECYCLING, OR DISPOSE OF IN TRASH.

RCRA/EPA WASTE INFORMATION:

NA = NOT APPLICABLE

14. TRANSPORT INFORMATION



DOT (DEPARTMENT OF TRANSPORTATION):

PROPER SHIPPING NAME: LIQUID FLOOR WAX, NOT REGULATED.



15. REGULATORY INFORMATION

UNITED STATES:

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):

311/312 HAZARD CATEGORIES: HEALTH - ACUTE

FIRE: NO

PRESSURE GENERATING: NO

REACTIVITY: NO

ACUTE: YES

CHRONIC: NO

EPCRA SECTION 313 SUPPLIER NOTIFICATION:

CHEMICAL NAME	WT. %	CAS	COMMENTS
DIETHYLENE GLYCOL ETHYL ETHER	0 - 5	111-90-0	N230 CERTAIN GLYCOL ETHERS

302/304 EMERGENCY PLANNING:

EMERGENCY PLAN:

NA = NOT APPLICABLE

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT):

CERCLA REGULATORY:

NA = NOT APPLICABLE

TSCA (TOXIC SUBSTANCE CONTROL ACT):

TSCA REGULATORY: ALL INGREDIENTS ARE LISTED ON THE TSCA CHEMICAL INVENTORY.

CALIFORNIA PROPOSITION 65:

WARNING:

THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

CARCINOGEN: NO LISTED SUBSTANCE



16. OTHER INFORMATION

DATE PREPARED: 10/31/2017

HMIS RATING:

HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	A

NFPA CODES:

1
0
0

ADDITIONAL SDS INFORMATION: REV1.0.0

MANUFACTURER DISCLAIMER:

THIS COMPANY CANNOT ANTICIPATE ALL CONDITIONS OF HANDLING AND USE OF THIS PRODUCT. THEREFORE, THIS COMPANY ACCEPTS NO RESPONSIBILITY FOR RESULTS

OBTAINED BY THE APPLICATION OF THIS INFORMATION, OR THE SAFETY AND SUITABILITY OF THE PRODUCT EITHER ALONE OR IN COMBINATION WITH OTHER PRODUCTS. IT IS THE RESPONSIBILITY OF THE EMPLOYER AND/OR USER TO PROVIDE A SAFE WORKPLACE, USING HEALTH AND SAFETY INFORMATION CONTAINED HEREIN AS A GUIDE. THIS COMPANY WILL ACCEPT NO LIABILITY FOR DAMAGES OR LOSSES INCURRED FROM THE IMPROPER HANDLING AND USE OF THIS PRODUCT.