



SAFETY DATA SHEET

1. Identification

Product identifier UNITED COATINGS DURASHELL STAIN – (WHITE)
 Other means of identification
 Product Code
 Recommended use Stain
 Manufacturer/Importer/Supplier/Distributor Information
 Manufacturer
 Company name GAF
 1 Campus Drive
 Parsippany, NJ 07054 USA
 Telephone 1-800-766-3411
 Emergency phone number CHEMTREC [DAY OR NIGHT] 1-800-424-9300
 Within USA and CANADA 1-800-424-9300
 Outside USA and Canada 1-703-741-5970

2. Hazard(s) identification

Physical hazards Not classified.
 Health hazards Sensitization, skin. Category 1
 Environmental hazards Not classified.
 OSHA defined hazards Not classified.
 Label elements



Signal word Warning.
 Hazard statement May cause an allergic skin reaction.
 Precautionary statement
 Prevention Avoid breathing mist or vapor. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves.
 Response If on skin: Wash with plenty of water. Specific treatment (see this label). If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.
 Storage Store away from incompatible materials.
 Disposal Dispose of contents/container in accordance with local/regional/national/international regulations.
 Hazard(s) not otherwise classified (HNOC) None known.
 Supplemental information None.

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
HYDRATED ALUMINUM SILICATE		1332-58-7	5 to <10
Natural Diatomaceous Earth		61790-53-2	1 to <5
Aqua Ammonia (10-30%)		1336-21-6	0.1 to <1
CARBAMIC ACID, 1H-BENZIMIDAZOL-2-YL, METHYL ESTER		10605-21-7	0.1 to <1
Chloro-2-methyl-4-isothiazolin-3-one		26172-55-4	0.1 to <1
Fatty alcohol ethoxylate		68131-39-5	0.1 to <1
PARAFFINIC PETROLEUM OIL		64742-54-7	0.1 to <1
Non-Hazardous Ingredients			80 to <90

4. First-aid measures

Inhalation

Move to fresh air. Call a physician if symptoms develop or persist.

Skin contact

Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions.

Eye contact

Rinse with water. Get medical attention if irritation develops and persists.

Ingestion

Rinse mouth. Get medical attention if symptoms occur.

Most important symptoms/effects, acute and delayed

May cause an allergic skin reaction. Dermatitis. Rash.

Indication of immediate medical attention and special treatment needed

Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

General information

Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

5. Fire-fighting measures

Suitable extinguishing media

Water fog. Foam. Dry chemical powder. Carbon dioxide (CO₂).

Unsuitable extinguishing media

Specific hazards arising from the chemical.

Special protective equipment and precautions for firefighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Firefighting equipment/instructions

Move containers from fire area if you can do so without risk.

Specific methods

Use standard firefighting procedures and consider the hazards of other involved materials.

General fire hazards

No unusual fire or explosion hazards noted.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

Environmental precautions

Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

Precautions for safe handling

Avoid breathing mist or vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities

Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value	Form
Ammonium Hydroxide 20-30% (CAS 1336-21-6)	PEL	35 mg/m3 50 ppm	
HYDRATED ALUMINUM SILICATE (CAS 1332-58-7)	PEL	5 mg/m3 15 mg/m3	Respirable fraction. Total dust.

US. OSHA Table Z-3 (29 CFR 1910.1000)

Components	Type	Value
Natural Diatomaceous Earth (CAS 61790-53-2)	TWA	0.8 mg/m3 20 mppcf

US. ACGIH Threshold Limit Values

Components	Type	Value	Form
Ammonium Hydroxide 20-30% (CAS 1336-21-6)	STEL TWA	35 ppm 25 ppm	
HYDRATED ALUMINUM SILICATE (CAS 1332-58-7)	TWA	2 mg/m3	Respirable fraction.
PARAFFINIC PETROLEUM OIL (CAS 64742-54-7)	TWA	5 mg/m3	Inhalable fraction.

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value	Form
Ammonium Hydroxide 20-30% (CAS 1336-21-6)	STEL TWA	27 mg/m3 35 ppm 18 mg/m3 25 ppm	
HYDRATED ALUMINUM SILICATE (CAS 1332-58-7)	TWA	5 mg/m3 10 mg/m3	Respirable. Total
Natural Diatomaceous Earth (CAS 61790-53-2)	TWA	6 mg/m3	

Biological limit values

No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Individual protection measures, such as personal protective equipment

Eye/face protection	If contact is likely, safety glasses with side shields are recommended.
Skin protection	
Hand protection	Wear appropriate chemical resistant gloves.
Other	Wear appropriate chemical resistant clothing.
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment.
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.
General hygiene considerations	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

9. Physical and chemical properties

Appearance	
Physical state	Liquid.
Form	Liquid.
Color	Not available.
Odor	Not available.
Odor threshold	Not available.
pH	Not available.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Upper/lower flammability or explosive limits	
Flammability limit – lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	0.00001 hPa estimated.
Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Density	9.29 lbs/gal
Percent volatile	75.33 %
Specific gravity	1.12
VOC	93.06561 g/l Regulatory estimated. 25.558301 g/l Material estimated. 0.776647 lbs/gal Regulatory estimated. 0.213288 lbs/gal Material estimated.

10. Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.

Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to avoid	Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	No hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of exposure

Inhalation	Prolonged inhalation may be harmful.
Skin contact	May cause an allergic skin reaction.
Eye contact	Direct contact with eyes may cause temporary irritation.
Ingestion	Expected to be a low ingestion hazard.

Symptoms related to the physical, chemical and toxicological characteristics

May cause an allergic skin reaction. Dermatitis. Rash.

Information on toxicological effects

Acute toxicity May cause an allergic skin reaction.

Components	Species	Test Results
Aqua Ammonia (10-30%) (CAS 1336-21-6)		
<u>Acute</u> Oral LD50	Rat	350 mg/kg
CARBAMIC ACID, 1H-BENZIMIDAZOL-2-YL, METHYL ESTER (CAS 10605-21-7)		
<u>Acute</u> Dermal LD50	Rabbit Rat	> 2000 mg/kg 2000 mg/kg
Oral LD50	Guinea pig Mouse Rat	> 5000 mg/kg 11000 mg/kg > 5000 mg/kg
HYDRATED ALUMINUM SILICATE (CAS 1332-58-7)		
<u>Acute</u> Dermal LD50	Rat	> 5000 mg/kg
Oral LD50	Rat	> 5000 mg/kg
Natural Diatomaceous Earth (CAS 61790-53-2)		
<u>Acute</u> Oral LD50	Mouse Rat	> 15000 mg/kg > 22500 mg/kg

*Estimates for product may be based on additional component data not shown.

Skin corrosion/irritation	Prolonged skin contact may cause temporary irritation.
Serious eye damage/eye irritation	Direct contact with eyes may cause temporary irritation.
Respiratory or skin sensitization	
Respiratory sensitization	Not available.
Skin sensitization	May cause an allergic skin reaction.
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

IARC Monographs. Overall Evaluation of Carcinogenicity

Natural Diatomaceous Earth (CAS 61790-53-2) 3 not classifiable as to carcinogenicity to humans.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

US. National Toxicology Program (NTP) Report on Carcinogens

PARAFFINIC PETROLEUM OIL (CAS 64742-54-7) Known to be human carcinogen.

Reproductive toxicity	This product is not expected to cause reproductive or developmental effects.
Specific target organ toxicity - single exposure	Not classified.
Specific target organ toxicity – repeated exposure	Not classified.
Aspiration hazard	Not available.
Chronic effects	Prolonged inhalation may be harmful.

12. Ecological information

Ecotoxicity	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
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Components	Species	Test Results
Aqua Ammonia (10-30%) (CAS 1336-21-6)		
Aquatic Fish		
LC50	Western mosquitofish (Gambusia affinis)	15 mg/l, 96 hours
CARBAMIC ACID, 1H-BENZIMIDAZOL-2-YL, METHYL ESTER (CAS 10605-21-7)		
Aquatic Fish		
LC50	Channel catfish (Ictalurus punctatus)	0.009 - 0.015 mg/l, 96 hours
Fatty alcohol ethoxylate (CAS 68131-39-5)		
Aquatic Crustacea		
EC50	Water flea (Ceriodaphnia dubia)	0.37 - 0.43 mg/l, 48 hours
Fish		
LC50	Channel catfish (Ictalurus punctatus)	1.04 - 1.39 mg/l, 96 hours

*Estimates for product may be based on additional component data not shown.

Persistence and degradability	No data is available on the degradability of this product.
Bioaccumulative potential	
Partition coefficient n-octanol / water (log Kow)	
CARBAMIC ACID, 1H-BENZIMIDAZOL-2-YL, METHYL ESTER	1.52
Mobility in soil	No data available.
Other adverse effects	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations

Disposal instructions	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.
Local disposal regulations	Dispose in accordance with all applicable regulations.

Hazardous waste code The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Waste from residues / unused products Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Contaminated packaging Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. Transport information

DOT Not regulated as dangerous goods.
IATA Not regulated as dangerous goods.
IMDG Not regulated as dangerous goods.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not established.

15. Regulatory information

US federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. One or more components are not listed on TSCA.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Chloro-2-methyl-4-isothiazolin-3-one
 (CAS 26172-55-4) 1.0 % One-Time Export Notification only.

CERCLA Hazardous Substance List (40 CFR 302.4)

Aqua Ammonia (10-30%)
 (CAS 1336-21-6) Listed.

CARBAMIC ACID, 1H-BENZIMIDAZOL-2-YL,
 METHYL ESTER (CAS 10605-21-7) Listed.

SARA 304 Emergency release notification Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard - Yes
 Delayed Hazard - No
 Fire Hazard - No
 Pressure Hazard - No
 Reactivity Hazard - No

SARA 302 Extremely hazardous substance Not listed.

SARA 311/312 Hazardous chemical No

SARA 313 (TRI reporting)

Chemical name	CAS number	% by wt.
Aqua Ammonia (10-30%)	1336-21-6	0.1 to <1

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act (SDWA)

Not regulated.

US state regulations

US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100)

Not listed.

US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))

PARAFFINIC PETROLEUM OIL (CAS 64742-54-7)

US. Massachusetts RTK - Substance List

Aqua Ammonia (10-30%) (CAS 1336-21-6)
 HYDRATED ALUMINUM SILICATE (CAS 1332-58-7)
 Natural Diatomaceous Earth (CAS 61790-53-2)

US. New Jersey Worker and Community Right-to-Know Act

Aqua Ammonia (10-30%) (CAS 1336-21-6)
 CARBAMIC ACID, 1H-BENZIMIDAZOL-2-YL, METHYL ESTER (CAS 10605-21-7)
 HYDRATED ALUMINUM SILICATE (CAS 1332-58-7)
 Natural Diatomaceous Earth (CAS 61790-53-2)

US. Pennsylvania Worker and Community Right-to-Know Law

Aqua Ammonia (10-30%) (CAS 1336-21-6)
 HYDRATED ALUMINUM SILICATE (CAS 1332-58-7)
 Natural Diatomaceous Earth (CAS 61790-53-2)

US. Rhode Island RTK

Aqua Ammonia (10-30%) (CAS 1336-21-6)
 CARBAMIC ACID, 1H-BENZIMIDAZOL-2-YL, METHYL ESTER (CAS 10605-21-7)

US. California Proposition 65

WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

US - California Proposition 65 - CRT: Listed date/carcinogenic substance

3-(3,4 Dichlorophenyl)-1,1-Dimethylurea (CAS 330-54-1) Listed: May 31, 2002
 ETHYL ALCOHOL (CAS 64-17-5) Listed: April 29, 2011
 Listed: July 1, 1988
 MONOAZO PIGMENT (CAS 13463-67-7) Listed: September 2, 2011

US - California Proposition 65 - CRT: Listed date/Developmental toxin

ETHYL ALCOHOL (CAS 64-17-5) Listed: October 1, 1987

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s).

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date 09-30-2014
Revision date 11-17-2015
Version # 06

HMIS® ratings

Health: 2
Flammability: 0
Physical hazard: 0
Personal protection: D

NFPA ratings

Health: 2
Flammability: 0
Instability: 0

Disclaimer

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Revision Information

Conversion to GAF SDS