

SAFETY DATA SHEET

1. Identification

Product Information : M281-6837
Product Name : ULTRA® MARK SOUMI
Recommended Use : Surface Preparation or Protection
Supplier's name and address : Armstrong World Industries, Inc.
2500 Columbia Avenue
Lancaster, PA USA 17603
Company Phone Number : (800) 233-3823
Website Address : <http://www.floorexpert.com>
24 Hr Emergency Telephone # : CHEM-TEL: 1-800-255-3924 OR 1-813-248-0585 (call collect)

2. Hazards Identification

GHS Classification

Carc. 1B, Eye Dam. 1, Flam. Liq. 2, Muta. 1B, STOT RE 2, Skin Irrit. 2

Symbol(s) of Product



Signal Word Danger

GHS HAZARD STATEMENTS

Carcinogenicity, category 1B	H350	May cause cancer.
Serious Eye Damage, category 1	H318	Causes serious eye damage.
Flammable Liquid, category 2	H225	Highly flammable liquid and vapour.
Germ Cell Mutagenicity, category 1B	H340	May cause genetic defects.
STOT, repeated exposure, category 2	H373	May cause damage to organs through prolonged or repeated exposure.
Skin Irritation, category 2	H315	Causes skin irritation.

GHS LABEL PRECAUTIONARY STATEMENTS

P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233	Keep container tightly closed.
P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P264	Wash hands thoroughly after handling.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P305+P351+P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P308+P313

IF exposed or concerned: Get medical advice/attention.

P310

Immediately call a POISON CENTER or doctor/physician.

P332+P313

If skin irritation occurs: Get medical advice/attention.

P362+P364

Take off contaminated clothing and wash it before reuse.

P403+P235

Store in a well-ventilated place. Keep cool.

P405

Store locked up.

GHS SDS PRECAUTIONARY STATEMENTS

P240

Ground/bond container and receiving equipment

P241

Use explosion-proof electrical/ventilating/lighting/equipment

P242

Use only non-sparking tools.

P243

Take precautionary measures against static discharge.

3. Composition/Information on ingredients

Chemical Name	CAS-No.	Wt. %	GHS Symbols	GHS Statements
ethanol	64-17-5	25-50	GHS02	H225
titanium dioxide	13463-67-7	10-25	No Information	No Information
butanol	71-36-3	10-25	GHS02-GHS05-GHS07	H226-302-315-332-335-336-318
pm acetate	108-65-6	2.5-10	GHS02-GHS07	H226-332
isopropanol	67-63-0	1.0-2.5	GHS02-GHS07	H225-302-319-336
aliphatic hydrocarbons	8052-41-3	1.0-2.5	GHS02-GHS08	H224-304-340-350-372
ethylbenzene	100-41-4	0.1-1.0	GHS02-GHS07-GHS08	H225-304-332-373

The text for GHS Hazard Statements shown above (if any) is given in the "Other information" Section.

4. First-aid Measures



FIRST AID - EYE CONTACT: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

FIRST AID - SKIN CONTACT: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

FIRST AID - INGESTION: IF SWALLOWED: rinse mouth. Do NOT induce vomiting. IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.

FIRST AID - INHALATION: IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.

5. Fire-fighting Measures

6. Accidental Release Measures

7. Handling and Storage



8. Exposure Controls/Personal Protection

Ingredients with Occupational Exposure Limits

<u>Chemical Name</u>	<u>ACGIH TLV-TWA</u>	<u>ACGIH-TLV STEL</u>	<u>OSHA PEL-TWA</u>	<u>OSHA PEL-CEILING</u>
ethanol	N.D.	1000 ppm	1000 ppm	N.D.
titanium dioxide	10 mg/m ³	N.D.	15 mg/m ³	N.D.
butanol	20 ppm	N.D.	100 ppm	N.D.
pm acetate	N.D.	N.D.	N.D.	N.D.
isopropanol	200 ppm	400 ppm	400 ppm	N.D.
aliphatic hydrocarbons	100 ppm	N.D.	500 ppm	N.D.
ethylbenzene	20 ppm	N.D.	100 ppm	N.D.

Further Advice: MEL = Maximum Exposure Limit OES = Occupational Exposure Standard SUP = Supplier's Recommendation
Sk = Skin Sensitizer N.E. = Not Established N.D. = Not Determined

Personal Protection



9. Physical and Chemical Properties

Appearance:	Colored Liquid	Physical State:	Liquid
Odor:	Moderately Strong Alcohol	Odor Threshold:	Not Determined
Density, g/cm ³ :	1.018	pH:	Not Determined
Freeze Point, °F:	Not Determined	Viscosity:	Not Determined
Solubility in Water:	Not Determined	Partition Coefficient, n-octanol/ water:	Not Determined
Decomposition temperature, °F:	Not Determined		
Boiling Range, °F:	> 100 °F	Explosive Limits, %:	Not Determined
Combustibility:	Supports Combustion	Flash Point, °F:	55 ° F
Evaporation Rate:	Faster than Diethyl Ether	Auto-Ignition Temperature, °F:	Not Determined
Vapor Density:	Not Determined	Vapor Pressure, mmHg:	Not Determined

N.I. = No Information

10. Stability and reactivity

11. Toxicological information



Practical Experiences

CARCINOGENICITY: May cause cancer.

PRIMARY ROUTE(S) OF ENTRY:

Eye Contact, Skin Contact

Acute Toxicity Values

The acute effects of this product have not been tested. Data on individual components are tabulated below

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>Oral LD50</u>	<u>Dermal LD50</u>	<u>Vapor LC50</u>
64-17-5	ethanol	7060 mg/kg Rat	N.I.	124.7 mg/L Rat
13463-67-7	titanium dioxide	>10000 mg/kg Rat	>10000 mg/kg Rabbit	>20 mg/l
71-36-3	butanol	700 mg/kg Rat	3402 mg/kg Rabbit	8000 mg/l Rat
108-65-6	pm acetate	8532 mg/kg Rat	>5000 mg/kg Rabbit	>20 mg/L
67-63-0	isopropanol	1870 mg/kg Rat	4059 mg/kg Rabbit	72.6 mg/L Rat
8052-41-3	aliphatic hydrocarbons	>5000 mg/kg Rat	>3160 mg/kg Rat	21 mg/L Rat
100-41-4	ethylbenzene	3500 mg/kg Rat	15400 mg/kg Rabbit	17.2 mg/L Rat

N.I. = No Information

12. Ecological information

13. Disposal Information



Product

14. Transport Information

DOT: CONSUMER COMMODITY
 IATA: CONSUMER COMMODITY, ID 8000
 IMDG: LIMITED QUANTITY UN1263

15. Regulatory Information

U.S. Federal Regulations:

CERCLA - SARA Hazard Category

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Fire Hazard, Chronic Health Hazard, Acute Health Hazard

SARA SECTION 313

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

<u>Chemical Name</u>	<u>CAS-No.</u>
butanol	71-36-3
isopropanol	67-63-0
m-xylene	108-38-3
ethylbenzene	100-41-4
aluminum oxide	1344-28-1
o-xylene	95-47-6
p-xylene	106-42-3
formaldehyde	50-00-0
toluene	108-88-3
benzene	71-43-2

TOXIC SUBSTANCES CONTROL ACT

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

No TSCA components exist in this product

U.S. State Regulations:

CALIFORNIA PROPOSITION 65 CARCINOGENS

Warning: The following ingredients present in the product are known to the state of California to cause Cancer:

<u>Chemical Name</u>	<u>CAS-No.</u>
ethanol	64-17-5
titanium dioxide	13463-67-7
ethylbenzene	100-41-4
crystalline silica	14808-60-7
formaldehyde	50-00-0
benzene	71-43-2

CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS

Warning: The following ingredients present in the product are known to the state of California to cause birth defects, or other reproductive hazards.

<u>Chemical Name</u>	<u>CAS-No.</u>
ethanol	64-17-5
toluene	108-88-3
benzene	71-43-2

16. Other Information

Revision Date: 1/22/2015 Supersedes Date: New SDS
Reason for revision: No Information
Datasheet produced by: Regulatory Department

HMIS Ratings:

Health:	2	Flammability:	3	Reactivity:	0	Personal Protection:	X
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Volatile Organic Compounds, gr/ltr: 671

Text for GHS Hazard Statements shown in Section 3 describing each ingredient

H224 Extremely flammable liquid and vapour.
H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.
H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H340 May cause genetic defects.
H350 May cause cancer.
H372 Causes damage to organs through prolonged or repeated exposure.
H373 May cause damage to organs through prolonged or repeated exposure.

Icons for GHS Pictograms shown in Section 3 describing each ingredient

GHS02



GHS05



GHS07



GHS08



The information on this sheet corresponds to our present knowledge. It is not a specification and it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage, and use of the product. It is not applicable to unusual or non-standard uses of the product where instructions and recommendations are not followed.