

Safety Data Sheet

1. Identification

Product Information: 1012

Product Name: Painter's Select Specialty Oil Zone Marking (Yellow)

Recommended Use: Exterior Flat Solvent Based Paint

Application Method: No Information

Supplied by: GPM
201 Jandus Road
Cary, IL 60013
Telephone: (847) 639-5383

Emergency Telephone: (866)257-3981

2. Hazards Identification

EMERGENCY OVERVIEW: Under normal use conditions, this product is not expected to cause adverse health effects. This product does contain a material which can cause cancer. Crystalline silica has been classified by IARC and NTP as a carcinogen for humans (Group 1) from lab animal studies. Risk of cancer depends on duration and level of exposure from sanding surfaces or spray mist. When sanding or spraying product use (NIOSH/MSHA approved) respiratory protection. **FLAMMABLE** liquid and vapor.

GHS Classification

Carc. 1A, Flam. Liq. 2, Muta. 1B

Symbol(s) of Product



Signal Word

Danger

Possible Hazards

10% of the mixture consists of ingredients of unknown acute toxicity

GHS HAZARD STATEMENTS

Flammable Liquid, category 2	H225	Highly flammable liquid and vapour.
Germ Cell Mutagenicity, category 1B	H340	Suspected of causing genetic defects .
Carcinogenicity, category 1A	H350	May cause cancer. Classified as carcinogenic Category 1 on the basis of epidemiological and/or animal data. Mixtures are classified as carcinogenic when at least 1 ingredient has been classified as carcinogenic and is present at 0.1% or above. Routes of exposure are dependant on ingredient form.

GHS LABEL PRECAUTIONARY STATEMENTS

P201	Obtain special instructions before use.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233	Keep container tightly closed.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P281	Use personal protective equipment as required.
P308+P313	IF exposed or concerned: Get medical advice/attention.

GHS ADDITIONAL INFORMATION

H362 Contains one or more Category 1 or Category 2 Reproductive Toxicants at greater than 0.1%. A Safety Data Sheet shall be available for the mixture upon request.

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

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Wt. %</u>	<u>GHS Symbols</u>	<u>GHS Statements</u>
LIMESTONE	1317-65-3	25-50	No Information	No Information
SOLVENT NAPHTHA (PETROLEUM), LIGHT ALIPHATIC	64742-89-8	10-25	GHS08	H304-340-350
NAPHTHA (PETROLEUM), HYDROTREATED LIGHT	64742-49-0	2.5-10	GHS08	H304-340-350
TALC	14807-96-6	2.5-10	No Information	No Information
TITANIUM DIOXIDE	13463-67-7	2.5-10	GHS07	H312
XYLENE	1330-20-7	2.5-10	GHS02-GHS07	H226-312-315-332
DISTILLATES (PETROLEUM), HYDROTREATED LIGHT	64742-47-8	2.5-10	GHS08	H304-340-350
ETHYLBENZENE	100-41-4	0.1-1.0	GHS02-GHS07-GHS08	H225-304-315-319-332-373
SOLVENT NAPHTHA (PETROLEUM), HEAVY AROMATIC	64742-94-5	0.1-1.0	GHS06-GHS08	H304-330
STODDARD SOLVENT	8052-41-3	0.1-1.0	GHS07-GHS08	H304-332-340-350-372
SOLVENT NAPHTHA (PETROLEUM), LIGHT AROMATIC	64742-95-6	0.1-1.0	GHS07-GHS08	H304-332-340-350
CRYSTALLINE SILICA	14808-60-7	0.1-1.0	GHS08	H350
TOLUENE	108-88-3	0.1-1.0	GHS02-GHS07-GHS08	H225-304-315-336-361-373
2-BUTANONE OXIME	96-29-7	0.1-1.0	GHS05-GHS06-GHS08	H311-317-318-351

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

4. First-aid Measures

FIRST AID - INHALATION: If inhaled, remove to fresh air. Administer oxygen if necessary. Consult a physician if symptoms persist or exposure was severe.

FIRST AID - SKIN CONTACT: In case of contact, wash skin immediately with soap and water. Launder clothing before reuse. Destroy contaminated leather articles.

FIRST AID - EYE CONTACT: If material gets into eyes, flush with water immediately for 15 minutes. Consult a physician.

FIRST AID - INGESTION: Due to possible aspiration into the lungs, DO NOT induce vomiting if ingested. Have the victim drink 8 to 10 ounces (240 - 300 ml) of water to dilute the material in the stomach. If vomiting occurs naturally, have the victim lean forward to reduce the risk of aspiration. Consult a physician immediately. If ingested, DO NOT induce vomiting. If conscious, drink 8-10 oz. of water promptly. Call a physician immediately.

5. Fire-fighting Measures

UNUSUAL FIRE AND EXPLOSION HAZARDS: Flammable liquid. Vapors can form an ignitable mixture with air. Vapors can flow along surfaces to a distant ignition source and flash back.

SPECIAL FIREFIGHTING PROCEDURES: Use a self-contained breathing apparatus with full facepiece operated in pressure-demand or other positive pressure mode. Flammable. Cool fire-exposed containers using water spray.

EXTINGUISHING MEDIA: Alcohol Foam, Carbon Dioxide, Dry Chemical, Foam, Water Fog

6. Accidental Release Measures

ENVIRONMENTAL PRECAUTIONS: Contain any spills immediately and dike area to prevent spreading. Package material and dispose of as hazardous waste.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: REMOVE ALL SOURCES OF IGNITION FROM THE SPILL AREA. EVACUATE ALL NON-ESSENTIAL PERSONNEL UPWIND. USING NON-SPARKING TOOLS, SOAK UP SPILLED MATERIAL / SWEEP UP MATERIAL WITH ABSORBENTS AND PLACE IN A CONTAINER FOR DISPOSAL.

7. Handling and Storage



HANDLING: Flammable liquid. Avoid heat, sparks and open flames. Avoid breathing vapor and contact with eyes, skin and clothing. Hazardous residue may remain in emptied container. Do not reuse empty containers without commercial cleaning or reconditioning. Material will accumulate static charges which may cause an electrical spark (ignition source). Use proper grounding procedures.

STORAGE: Store in a cool dry area. KEEP OUT OF REACH OF CHILDREN. Keep container closed when not in use.

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>
LIMESTONE	10 mg/m3 Total Dust	N.E.	15 mg/m3 Total Dust	N.E.
SOLVENT NAPHTHA (PETROLEUM), LIGHT ALIPHATIC NAPHTHA (PETROLEUM), HYDROTREATED LIGHT TALC	N.E. 247 PPM 2 mg/m3 (Respirable fraction)	N.E. N.E. N.E.	500 PPM, 2000 mg/ m3 300 PPM 2 mg/m3 (Respirable fraction)	N.E. N.E. N.E.
TITANIUM DIOXIDE	10 mg/m3	N.E.	15 mg/m3 (Total dust)	N.E.
XYLENE DISTILLATES (PETROLEUM), HYDROTREATED LIGHT ETHYLBENZENE	100 PPM 100 ppm 20 PPM	150 PPM N.E. 125 PPM	100 PPM N.E. 100 PPM, 435 mg/ m3	N.E. N.E. N.E.
SOLVENT NAPHTHA (PETROLEUM), HEAVY AROMATIC STODDARD SOLVENT	N.E. 100 PPM, 2900 mg/ m3	N.E. N.E.	N.E. 500 PPM, 525 mg/ m3	N.E. N.E.
SOLVENT NAPHTHA (PETROLEUM), LIGHT AROMATIC CRYSTALLINE SILICA	200 mg/m3 0.05 mg/m3 Respirable Dust	N.E. N.E.	400 PPM 0.1 mg/m3 Respirable Dust	500 PPM N.E.
TOLUENE 2-BUTANONE OXIME	20 PPM N.E.	N.E. N.E.	200 PPM N.E.	300 PPM N.E.

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

Personal Protection



RESPIRATORY PROTECTION: Respirator use is not expected to be necessary under normal conditions of handling. In emergency situations, use of a NIOSH-approved respirator may be required. When concentrations exceed the exposure limits specified, use of a NIOSH-approved dust, mist and fume respirator is recommended. Where the protection factor of the respirator may be exceeded, use of a full facepiece, supplied air, or Self Contained Breathing Apparatus (SCBA) may be necessary.



SKIN PROTECTION: Chemical-resistant gloves may be required for individuals with sensitive skin. Sensitive individuals should wear gloves to prevent repeated contact.



EYE PROTECTION: Ensure that eyewash stations and safety showers are close to the workstation location. Chemical resistant goggles must be worn.



OTHER PROTECTIVE EQUIPMENT: Use personal protective equipment as necessary. Safety shower and eyewash station should be located in immediate work area.



HYGIENIC PRACTICES: Keep away from food, drink and animal feeding stuffs. Contaminated clothing should be changed and washed before reuse. Eating, drinking and smoking in immediate work area should be prohibited.

9. Physical and Chemical Properties

Appearance:	Yellow liquid	Physical State:	Liquid
Odor:	Solvent Odor	Odor Threshold:	No Information
Density, g/cm³:	1.259	pH:	No Information
Freeze Point, °C:	No Information	Viscosity:	No Information
Solubility in Water:	No Information	Partition Coefficient, n-octanol/ water:	No Information
Decomposition temperature, °C	No Information		
Boiling Range, °C:	117 - 194	Explosive Limits, %:	N/A
Combustibility:	Supports Combustion	Flash Point, °C:	13
Evaporation Rate:	Slower than Ethyl ether	Auto-Ignition Temperature, °C	No Information
Vapor Density:	Heavier than Air	Vapor Pressure, mmHg:	No Information

(See "Other information" Section for abbreviation legend)

10. Stability and Reactivity

STABILITY: Stable under recommended storage conditions.

CONDITIONS TO AVOID: Extremes of temperature and direct sunlight. Avoid heat, flames, sparks and other sources of ignition.

INCOMPATIBILITY: Strong acids and strong bases. Keep away from strong oxidizing agents, heat and open flames.

HAZARDOUS DECOMPOSITION PRODUCTS: Incomplete combustion may produce carbon monoxide and other toxic gases.

11. Toxicological Information



Practical Experiences

EFFECT OF OVEREXPOSURE - INHALATION: Vapors or spray mists may be irritating to eyes, nose or throat. Prolonged overexposure may cause coughing, shortness of breath, dizziness, and intoxication. This product contains crystalline silica, which is considered a hazard by inhalation. Inhalation of high concentrations may cause headache, nausea, and dizziness.

EFFECT OF OVEREXPOSURE - SKIN CONTACT: Prolonged and repeated skin contact may cause irritation and possibly dermatitis.

EFFECT OF OVEREXPOSURE - EYE CONTACT: Mist and vapors may cause eye irritation.

EFFECT OF OVEREXPOSURE - INGESTION: Harmful if swallowed. May cause nausea, vomiting, and diarrhea.

EFFECT OF OVEREXPOSURE - CHRONIC HAZARDS: Crystalline silica is known to cause silicosis, a noncancerous lung disease. Exposure is by route of inhalation. If material is in a liquid matrix it is unlikely to be inhaled. REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE.

CARCINOGENICITY: Crystalline silica has been classified by IARC and NTP as a carcinogen for humans (Group 1) from lab animal

studies. Inhalation of crystalline silica can cause cancer. Risk of cancer depends on duration and level of exposure from sanding surfaces or spray mist. When sanding or spraying product use (NIOSH/MSHA approved) respiratory protection. IARC lists Ethylbenzene, and Titanium dioxide as possible human carcinogens (Group 2B).

PRIMARY ROUTE(S) OF ENTRY: Eye Contact, Ingestion, Inhalation, 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>
1317-65-3	LIMESTONE	6450 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	N.I.
64742-89-8	SOLVENT NAPHTHA (PETROLEUM), LIGHT ALIPHATIC	>2000 mg/kg (Rat)	>3000 mg/kg (Rabbit)	>5000 PPM/1h (Rat)
14807-96-6	TALC	>5000 mg/m3	>2000 mg/m3	N.I.
13463-67-7	TITANIUM DIOXIDE	10000 mg/kg	2000 mg/kg	N.I.
1330-20-7	XYLENE	3523 mg/kg	1700 mg/kg	N.I.
64742-47-8	DISTILLATES (PETROLEUM), HYDROTREATED LIGHT	>5000 mg/kg	>5000 mg/kg	N.I.
100-41-4	ETHYLBENZENE	3500 mg/kg	17000 mg/kg	17.2 mg/l (Rat)
64742-94-5	SOLVENT NAPHTHA (PETROLEUM), HEAVY AROMATIC	3000 mg/kg (Rat)	>3000 mg/kg (Rabbit)	>0.2 mg/l/4hr (Rat)
8052-41-3	STODDARD SOLVENT	>5000 mg/kg	>3000 mg/kg	N.I.
64742-95-6	SOLVENT NAPHTHA (PETROLEUM), LIGHT AROMATIC	>5600 mg/kg	>4000 mg/kg	>10.2 mg/l/4hr
108-88-3	TOLUENE	>7,000 mg/kg	>12,000 mg/kg	>30.0 mg/l
96-29-7	2-BUTANONE OXIME	3680 mg/kg	920 mg/Kg	N.I.

N.I. = No Information

12. Ecological Information

ECOLOGICAL INFORMATION: No Information

13. Disposal Information



Product

DISPOSAL METHOD: Dispose of material in accordance with applicable federal, state and local regulations.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: REMOVE ALL SOURCES OF IGNITION FROM THE SPILL AREA. EVACUATE ALL NON-ESSENTIAL PERSONNEL UPWIND. USING NON-SPARKING TOOLS, SOAK UP SPILLED MATERIAL / SWEEP UP MATERIAL WITH ABSORBENTS AND PLACE IN A CONTAINER FOR DISPOSAL.

14. Transport Information

SPECIAL TRANSPORT PRECAUTIONS: No special transport precautions are necessary.

DOT Proper Shipping Name: No Information
DOT Technical Name: No Information
DOT Hazard Class: No Information
DOT UN/NA Number: No Information

Packing Group: No Information
Hazard SubClass: No Information
Resp. Guide Page: No Information

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, Acute Health Hazard, Chronic 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:

No Sara 313 components exist in this product.

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:

NEW JERSEY RIGHT-TO-KNOW:

The following materials are non-hazardous, but are among the top five components in this product.

<u>Chemical Name</u>	<u>CAS-No.</u>
RESIN	Proprietary

PENNSYLVANIA RIGHT-TO-KNOW

The following non-hazardous ingredients are present in the product at greater than 3%.

<u>Chemical Name</u>	<u>CAS-No.</u>
RESIN	Proprietary

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>
TITANIUM DIOXIDE	13463-67-7
ETHYLBENZENE	100-41-4
CRYSTALLINE SILICA	14808-60-7
NAPHTHALENE	91-20-3
CUMENE	98-82-8
ETHYLENE OXIDE	75-21-8

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>
TOLUENE	108-88-3
ETHYLENE OXIDE	75-21-8

International Regulations: As follows -

CANADIAN WHMIS:

This MSDS has been prepared in compliance with Controlled Product Regulations except for the use of the 16 headings.

WHMIS Class	No Information
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16. Other Information

Revision Date: 8/17/2016 Supersedes Date: New MSDS
Reason for revision: No Information
Datasheet produced by: Regulatory Department

HMIS Ratings:

Health:	*2	Flammability:	3	Reactivity:	0	Personal Protection:	N.I.
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Text for GHS Hazard Statements shown in Section 3 describing each ingredient:

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapor.
H304	May be fatal if swallowed and enters airways.
H311	Toxic in contact with skin.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H332	Harmful if inhaled.
H336	May cause drowsiness or dizziness.
H340	Suspected of causing genetic defects.
H350	Suspected of causing cancer.
H351	Suspected of causing cancer. Classified as Category 2 based on limited evidence on human and/or animal studies. Mixtures with concentrations of suspected carcinogens ingredients at concentration present between 0.1% and 1.0% labelling the SDS will be optional depending on authorities. If Category 2 carcinogenic present at a concentration of 1% or above labelling the SDS will be expected. Routes of exposure are dependant on ingredient form.
H361	Suspected of damaging fertility or the unborn child. Classified Category 2 suspected human reproductive toxicant irreversible effects such as structural malfunctions, embryo/foetal lethality, post natal functional deficiencies.
H372	Causes damage to organs
H373	May cause damage to organs through prolonged or repeated exposure.

Icons for GHS Pictograms shown in Section 3 describing each ingredient:

GHS02



GHS05



GHS06



GHS07



GHS08



Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

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.