

Section 1 ~ Identification

Identity (As Used On Label and List)

B4013 PLASTIKMAN

Date Prepared:

08-03-2018

Company Information:

OMEGA INDUSTRIAL SUPPLY, INC

Emergency Telephone Number:

1-800-424-9300

Address (Number, Street, Suite/Apt#)

101 Grobric Ct #1

Telephone Number for Information:

1-800-571-7347

(City, State, and Zip Code)

Fairfield, CA 94534

Signature of Prepare (Optional)

REGULATORY DEPT.

Section 2 ~ Hazard(s) Identification

OSHA/HCS Status

Classification of the Substance or Mixture

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

SKIN IRRITATION - Category 2

EYE IRRITATION - Category 2A

SKIN SENSITIZATION - Category 1

SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3

GHS Label Elements

Label Elements



Signal Word: Warning!

Hazard Statement

Causes serious eye irritation. Causes skin irritation. May cause an allergic skin reaction. May cause respiratory irritation.

Precautionary Statement

Prevention

Wear protective gloves. Wear eye or face protection. Use only outdoors or in a well ventilated area. Avoid breathing dust. Wash hands thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace.

Response

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or physician if you feel unwell. **IF ON SKIN:** Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical attention. **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

Storage

Store locked up.

Disposal

Dispose of contents and container in accordance with all local, regional, national and international regulations.

Hazards not Otherwise Classified

None known.

Section 3 ~ Composition/Information on Ingredients

Substance/Mixture: Mixture

Name	CAS No.	%(Wt.)
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2, 3-epoxypropane, reaction products with fatty acids, C18-unsatd., dimers	-	10 – 30
Titanium Dioxide	13463-67-7	1 – 5
2,4,6-tris(dimethylaminomethyl)phenol	-	1 – 5
crystalline silica non-respirable	14808-60-7	0.1 – 1
Canada		
Talc , not containing asbestiform fibres	14807-96-6	30 – 60
Nepheline syenite	37244-96-5	10 – 30
Titanium Dioxide	13463-67-7	1 – 5
2,4,6-tris(dimethylaminomethyl)phenol	90-72-2	1 – 5
crystalline silica, non-respirable	14808-60-7	0.1 – 1

Occupational exposure limits, if available, are listed in Section 8.

Section 4 ~ First Aid Measures

Description of Necessary First Aid Measures

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If necessary, call a poison center or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

Skin Contact: Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Eye Contact: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

Ingestion: Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Most Important Symptoms/Effects, Acute and Delayed Potential Acute Health Effects

Inhalation: May cause respiratory irritation.

Skin Contact: Causes skin irritation. May cause an allergic skin reaction.

Eye Contact: Causes serious eye irritation.

Ingestion: No known significant effects or critical hazards.

Over-Exposure Signs/Symptoms

Inhalation: Adverse symptoms may include the following: respiratory tract irritation. Coughing.

Skin Contact: Adverse symptoms may include the following: Irritation redness

Eye Contact: Adverse symptoms may include the following: pain or irritation watering redness

Ingestion: No specific data.

Indication of Immediate Medical Attention and Special Treatment Needed, if Necessary

Notes to Physician: In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

Specific Treatments: No specific treatment.

See Toxicological Information (Section 11)

Section 5 ~ Fire Fighting Measures

Suitable Extinguishing Media: Use an extinguishing agent suitable for the surrounding.

Unsuitable Extinguishing Media: None known.

Specific Hazards Arising from the Chemical: No specific fire or explosion hazard.

Hazardous Thermal Decomposition Products: Decomposition products may include the following materials: carbon dioxide, carbon monoxide, nitrogen oxides, sulfur oxides, halogenated compounds, metal oxide/oxides.

Special Protective Actions for Fire-Fighters: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Special Protective Equipment for Fire-Fighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6 ~ Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures

For Non-Emergency Personnel: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

For Emergency Responders: If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For nonemergency personnel".

Environmental Precautions: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and Materials for Containment and Cleaning Up

Small Spill: Move containers from spill area. Avoid dust generation. Using a vacuum with HEPA filter will reduce dust dispersal. Place spilled material in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.

Large Spill: Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Avoid dust generation. Do not dry sweep. Vacuum dust with equipment fitted with a HEPA filter and place in a closed, labeled waste container. Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Section 7 ~ Handling and Storage

Conditions for Safe Storage, Including any Incompatibilities: Do not store above the following temperature: 35°C (95°F). Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

Precautions for Safe Handling

Protective Measures: Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not ingest. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

Advice on General Occupational Hygiene: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Section 8 ~ Exposure Controls/Personal Protection

Controls Parameters

Occupational Exposure Limits

Ingredient Name

Titanium Dioxide

CAS

13463-67-7

Exposure Limits

ACGIH TLV (United States, 3/2017).

TWA: 10 mg/m³ 8 hours.

OSHA PEL 1989 (United States, 3/1989).

TWA: 10 mg/m³ 8 hours. Form: Total dust

OSHA PEL (United States, 6/2016).

TWA: 15 mg/m³ 8 hours. Form: Total dust

OSHA PEL (United States, 6/2016).

TWA: 50 µg/m³ 8 hours. Form: Respirable dust

OSHA PEL Z3 (United States, 6/2016).

TWA: 30 mg/m³ / (%SiO₂+2) 8 hours. Form: Total dust

Canada

Occupational Exposure Limits

Ingredients

Talc , not containing asbestiform fibres

List Name	TWA (8 hours)			other	STEL (15 Mins)			Other	Ceiling			Notations
	Ppm	Mg/m3			Ppm	Mg/m3			Ppm	Mg/m3		
US ACGIH 3/2017	-	2	-	-	-	-	-	-	-	-	-	[a]
	-	2	-	-	-	-	-	-	-	-	-	[b]
	-	2	-	-	-	-	-	-	-	-	-	[c]
	-	-	0.1 f/cc	-	-	-	-	-	-	-	-	
	-	2	-	-	-	-	-	-	-	-	-	[d]
	-	-	2 f/cc	-	-	-	-	-	-	-	-	
	-	3	-	-	-	-	-	-	-	-	-	
	-	2	-	-	-	-	-	-	-	-	-	[e]
	-	10	-	-	-	-	-	-	-	-	-	[f]
	-	10	-	-	-	-	-	-	-	-	-	[g]
AB 4/2009	-	10	-	-	-	-	-	-	-	-	-	
	-	3	-	-	-	-	-	-	-	-	-	
	-	10	-	-	-	-	-	-	-	-	-	[h]
	-	10	-	-	-	-	-	-	-	-	-	[g]
	-	10	-	-	-	-	-	-	-	-	-	[i]
	-	10	-	-	-	20	-	-	-	-	-	
	-	10	-	-	-	-	-	-	-	-	-	
	-	10	-	-	-	-	-	-	-	-	-	
	-	10	-	-	-	-	-	-	-	-	-	
	-	10	-	-	-	-	-	-	-	-	-	
QC 1/2014	-	0.1	-	-	-	-	-	-	-	-	-	[e]

crystalline silica, non-respirable

Form: [a]Respirable fraction [b]Respirable particulate [c]Respirable [d]Respirable fraction. [e]Respirable dust. [f]Respirable fraction [g]Total dust [h]Respirable dust [i]Total dust.

Appropriate Engineering Controls: Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Environmental Exposure Controls: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Individual Protection Measure

Hygiene Measures: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.

Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Respiratory Protection: Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

Skin Protection

Hand Protection: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

Body Protection: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other Skin Protection: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Eye/Face Protection: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

Section 9 ~ Physical and Chemical Properties

Physical State: Solid.

Color: Blue -White. [Light]

Odor: Pungent. Sulfurous. [Strong]

Odor Threshold: Not available.

pH: Not applicable.

Melting Point: Not available.

Boiling Point: Not available.

Flash Point: Closed cup: > 93.3°C (> 199.9°F) [Setaflash.] [Product does not sustain combustion.]

Evaporation Rate: Not applicable.

Flammability (solid, gas): Not available.

Lower and Upper Explosive (flammable) Limits: Not available.

Vapor Pressure: Not available.

Vapor Density: Not available.

Relative Density: 1.793

Solubility: Easily soluble in the following materials: methanol and acetone. Insoluble in the following materials: cold water and hot water.

Solubility in Water: Not applicable

Auto-Ignition Temperature: Not available.

Decomposition Temperature: >220°C (>428°F)

Viscosity: Kinematic (room temperature): Not applicable.

Kinematic (40°C (104°F)): Not applicable.

Section 10 ~ Stability and Reactivity

Reactivity: No specific test data related to reactivity available for this product or its ingredients.

Chemical Stability: The product is stable.

Possibility of Hazardous Reactions: Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to Avoid: No specific data.

Incompatible Materials: No specific data.

Hazardous Decomposition Products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11 ~ Toxicological Information**Information on Toxicological Effects****Acute Toxicity****Product/Ingredient Name**

2,4,6-tris (dimethylaminomethyl)phenol

Result

LD50 Dermal

LD50 Oral

Species

Rabbit

Rat

Dose

1280 mg/kg

1653 mg/kg

Exposure

-

-

Irritation/Corrosion**Product/Ingredient Name**

titanium dioxide

Result

Skin – Mild irritant

Species

Human

Score

-

Exposure

72 hours 300 Micrograms

Intermittent

Observation

-

2,4,6-tris (dimethylaminomethyl) phenol

Skin – Severe irritant

Rabbit

-

-

-

Eyes – Severe irritant

Rabbit

-

-

-

Sensitization**Product/Ingredient Name**

2,4,6-tris (dimethylaminomethyl) phenol

Route of Exposure

Skin

Species

Guinea Pig

Result

Not sensitizing

Mutagenicity: No specific data.

Carcinogenicity: No specific data.

Conclusion/Summary: IARC classifies TiO₂ as a 2B carcinogen based in large part on several studies of the effects of the inhalation of TiO₂ on animals in which the TiO₂ particles were of various sizes. Particles defined as “ultrafine” have been shown to cause cancer in animals exposed to very high concentrations. A number of authorities have reviewed those studies and others involving exposure to ultrafine particles and have concluded that the effects result from overloading the respiratory system of the animals. The effects observed, according to the scientists, are not due to TiO₂ but are general responses to high levels of dust in the lungs. In addition, a carcinogenic effect of TiO₂ dust in the workers was not observed in several epidemiology studies on more than 20,000 TiO₂ industry workers in Europe and the USA, nor were other chronic diseases, including other respiratory diseases, associated with exposure to TiO₂ dust. Accordingly, we have concluded that our products should not be classified on the basis of the presence of TiO₂ in the products. This product contains talc in a polymer matrix. Sanding the cured product may release particles containing talc with the polymer and other components of the matrix into the air. The talc contains less than 1% crystalline silica. Appropriate evaluations of the use of the product should be performed to determine if exposure to talc occurs due to handling and use. If such exposures occur, appropriate precautions must be taken to prevent exposure in excess of the OSHA Permissible Exposure Limit (PEL).

Classification**Product/Ingredient Name**

Titanium Dioxide

OSHA

-

IARC

2B

NTP

-

Crystalline silica non-respirable

-

1

Known to be a human carcinogen.

Reproductive Toxicity: No specific data.

Teratogenicity: No specific data.

Specific Target Organ Toxicity (single exposure)**Name**

4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with fatty acids, C18-unsatd., dimers

Category

Category 3

Route of exposure

Not applicable

Target organs

Respiratory tract irritation

Specific Target Organ Toxicity (repeated exposure): No specific data.

Aspiration Hazard: No specific data.

Information on the Likely Routes of Exposure: Not available

Potential Acute Health Effects

Eye Contact: Causes serious eye irritation.

Inhalation: May cause respiratory irritation.

Skin Contact: Causes skin irritation. May cause an allergic skin reaction.

Ingestion: No known significant effects or critical hazards.

Symptoms Related to the Physical, Chemical and Toxicological Characteristics**Eye Contact:** Adverse symptoms may include the following: pain or irritation watering redness.**Inhalation:** Adverse symptoms may include the following: respiratory tract irritation coughing**Skin Contact:** Adverse symptoms may include the following: Irritation, redness**Ingestion:** No specific data.**Delayed and Immediate Effects and also Chronic Effects from Short and Long Term Exposure****Short Term Exposure****Potential Immediate Effects:** Not available.**Potential Delayed Effects:** Not available.**Long Term Exposure****Potential Immediate Effects:** Not available.**Potential Delayed Effects:** Not available.**Potential Chronic Health Effects:** No specific data.**General:** Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.**Carcinogenicity:** No known significant effects or critical hazards.**Mutagenicity:** No known significant effects or critical hazards.**Teratogenicity:** No known significant effects or critical hazards.**Developmental Effects:** No known significant effects or critical hazards.**Fertility Effects:** No known significant effects or critical hazards.**Numerical Measures of Toxicity****Acute Toxicity Estimates**

Route	ATE Value
Oral	51511.1 mg/kg
Dermal	39887.6 mg/kg

Section 12 ~ Ecological Information**Toxicity:** No specific data**Persistence and Degradability:** No specific data**Bioaccumulative Potential**

Product/Ingredient Name	LogPow	BCF	Potential
2,4,6-tris (dimethylaminomethyl)phenol	0.77	-	Low

Mobility in Soil**Soil/Water Partition Coefficient (KOC):** Not available.**Other Adverse Effects:** No known significant effects or critical hazards**Section 13 ~ Disposal Considerations**

Disposal Methods: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

RCRA Classification: Not applicable.**Section 14 ~ Transportation Information**

	DOT Classification	TDG Classification	Mexico Classification	IMDG	IATA
UN Number	Not Regulated	Not Regulated	Not Regulated	Not Regulated	Not Regulated
UN Proper Shipping Name	-	-	-	-	-
Transport Hazard Class(es)	-	-	-	-	-
Packing Group	-	-	-	-	-
Environmental Hazards	No	No	No	No	No

Additional Information**Special Precautions for User:** Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.**Section 15 ~ Regulatory Information****U.S. Federal Regulations:** TSCA 8(a) PAIR: Siloxanes and Silicones, di-Me, reaction products with silica**TSCA 8(a) CDR Exempt/Partial exemption:** Not determined**United States inventory (TSCA 8b):** All components are listed or exempted.**Clean Water Act (CWA) 307:** zinc sulphide; zinc oxide**Clean Water Act (CWA) 311:** Acetic acid**Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs):** None of the components are listed**SARA 302/304****Composition/Information on Ingredients:** No products were found.**SARA 304 RQ:** Not applicable.**SARA 311/312****Classification:** Immediate (acute) health hazard**Composition/Information on Ingredients**

Name	%	Fire Hazard	Sudden Release of Pressure	Reactivity	Immediate (acute) Health Hazard	Delayed (chronic) Health Hazard
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with fatty acids, C18-unsatd., dimers	10 – 30	No	No	No	Yes	No
Titanium dioxide	1 – 5	No	No	No	No	Yes
2,4,6-tris(dimethylaminomethyl)phenol	1 – 5	No	No	No	Yes	No
crystalline silica non-respirable	0.1 – 1	No	No	No	No	Yes

State Regulations**Massachusetts:** The following components are listed: FIBROUS GLASS; TALC; SOAPSTONE; TITANIUM DIOXIDE; TIN DIOXIDE DUST**New York:** None of the components are listed.**New Jersey:** The following components are listed: SOAPSTONE; SILICA, QUARTZ; QUARTZ (SiO₂); TITANIUM DIOXIDE; TITANIUM OXIDE (TiO₂)**Pennsylvania:** The following components are listed: TALC; SOAPSTONE DUST; QUARTZ DUST; QUARTZ; TITANIUM DIOXIDE**Minnesota Hazardous Substances:** None of the components are listed.**California Prop. 65****WARNING!:** This product can expose you to chemicals including Titanium dioxide, Talc, not containing asbestiform fibres, Silica, crystalline, which are known to the State of California to cause cancer. For more information go to [www. P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

Ingredient Name	Cancer	Reproductive	No Significant Risk Level	Maximum Acceptable Dosage Level
Titanium dioxide	Yes	No	-	-
Talc, not containing asbestiform fibres	Yes	No	-	-
crystalline silica non-respirable	Yes	No	-	-

Canada

Canadian Lists

Canadian NPRI: None of the components are listed.

CEPA Toxic Substances: None of the components are listed.

EU Regulation (EC) No. 1907/2006 (REACH)

Substances of Very High Concern: None of the components are listed.

Inventory List

Australia: All components are listed or exempted.

Canada: Not determined.

China: All components are listed or exempted.

Europe: Not determined.

Japan: Japan inventory (ENCS): Not determined.

Japan inventory (ISHL): Not determined.

Republic of Korea: All components are listed or exempted.

Malaysia: Not determined.

New Zealand: Not determined.

Philippines: Not determined.

Taiwan: Not determined.

Turkey: Not determined.

United States: All components are listed or exempted.

Thailand: Not determined.

Viet Nam: Not determined.

Section 16 ~ Other Information

Key to Abbreviations:

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

IATA = International Air Transport Association

IBC = Intermediate Bulk Container

IMDG = International Maritime Dangerous Goods

LogPow = logarithm of the octanol/water partition coefficient

MARPOL 73/78 = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)

UN = United Nations

References: Not available.

	NFPA	HMIS	Key
HEALTH	2	2	4= Severe
FLAMMABILITY	1	1	3= Serious
REACTIVITY	0	0	2= Moderate
OTHER/PROTECTION	-	-	1= Slight
			0= Minimal

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