

## PAINT SHIELD

### SECTION 1. IDENTIFICATION

<b>Product Identifier</b>	PAINT SHIELD
<b>Product SKU</b>	107/108/111/112
<b>Product Family</b>	Polymer
<b>Recommended Use</b>	Automotive Paint Cleaner/Restorer/Polish.
<b>Restrictions on Use</b>	None known.
<b>Manufacturer</b>	The Walker Group Manufacturing Inc., 3 Pullman Court, Toronto, Ontario, M1X1E4, 416-412-2970
<b>Emergency Phone No.</b>	Walker Group Manufacturing Inc., 416-412-2970 CANUTEC, 24 HR. Emergency Tel #613-996-6666
<b>SDS No.</b>	0110

### SECTION 2. HAZARD IDENTIFICATION

Classified according to Canada's Hazardous Products Regulations (WHMIS 2015) and the US Hazard Communication Standard (HCS 2012).

#### Classification

Flammable liquid - Category 3; Eye irritation - Category 2A; Specific target organ toxicity (single exposure) - Category 3; Aspiration hazard - Category 1

#### Label Elements



Signal Word:  
Danger

#### Hazard Statement(s):

Flammable liquid and vapour.  
May be fatal if swallowed and enters airways.  
Causes serious eye irritation.  
May cause drowsiness or dizziness.

#### Precautionary Statement(s):

Keep away from heat/sparks/open flames/hot surfaces. – No smoking.  
Keep container tightly closed.  
Ground/bond container and receiving equipment.  
Use explosion-proof electrical, ventilating, and lighting equipment.  
Use only non-sparking tools.  
Take precautionary measures against static discharge.

---

Product Identifier:	PAINT SHIELD - Ver. 2
Date of Preparation:	May 16, 2018
Date of Last Revision:	May 16, 2018

SDS No.: 0110

Page 01 of 09

Avoid breathing dust/fume/gas/mist/vapours/spray.  
Use only outdoors or in a well-ventilated area.  
Wear protective gloves/protective clothing/eye protection/face protection.  
Wash hands and skin thoroughly after handling.  
Contaminated work clothing must not be allowed out of the workplace.  
Wash contaminated clothing before reuse.

**Response:**

IF exposed or concerned: Get medical advice or attention.  
IF SWALLOWED: Immediately call a POISON CENTRE or doctor.  
Do NOT induce vomiting.  
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.  
If skin irritation or rash occurs: Get medical advice or attention.  
IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
Call a POISON CENTRE or doctor if you feel unwell.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.  
Continue rinsing.  
In case of fire: Use water spray or fog, dry chemical powder, carbon dioxide, appropriate foam to extinguish.

**Storage:**

Store locked up.  
Store in a well-ventilated place. Keep cool.

**Disposal:**

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

**Other Hazards**

Health Hazards Not Otherwise Classified (HHNOC):

Toxic fumes may be released during fire. May cause gastrointestinal irritation. May be mildly irritating to skin.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%	Other Identifiers	Other Names
Stoddard solvent	8052-41-3	15 - 40	N/A	Mineral spirits
2-Propanol	67-63-0	0.5 - 5	N/A	Isopropanol
Amides, tall-oil fatty, N, N-bis(hydroxyethyl)	68155-20-4	0.5 - 1.5	N/A	Tall-oil diethanolamide

**Notes**

Concentrations are expressed in % weight/weight. The specific chemical identity and/or exact percentage of composition (concentration) has been withheld as a trade secret.

### SECTION 4. FIRST-AID MEASURES

**First-aid Measures**

**Inhalation**

Move to fresh air. If breathing has stopped, trained personnel should begin rescue breathing. If breathing is difficult, trained personnel should administer emergency oxygen if advised to do so by Poison Centre or doctor. Call a Poison Centre or doctor if you feel unwell.

**Skin Contact**

Wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 5 minutes. If skin irritation or a rash occurs, get medical advice or attention. Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Thoroughly clean clothing, shoes and leather goods before reuse or dispose of safely.

Product Identifier: PAINT SHIELD - Ver. 2

SDS No.: 0110

Date of Preparation: May 16, 2018

Date of Last Revision: May 16, 2018

Page 02 of 09

### **Eye Contact**

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice or attention.

### **Ingestion**

Immediately call a Poison Centre or doctor. Do not induce vomiting. Rinse mouth with water. Never give anything by mouth if person is rapidly losing consciousness, or is unconscious or convulsing. Do not induce vomiting. If vomiting occurs naturally, lie on your side in the recovery position. Rinse mouth with water again.

### **First-aid Comments**

Get medical advice or attention if you feel unwell or are concerned. Some of the first-aid procedures recommended here require advanced first-aid training.

### **Most Important Symptoms and Effects, Acute and Delayed**

Aspiration hazard. Symptoms may include coughing, choking, shortness of breath, difficult or rapid breathing and wheezing. Aspiration into the lungs during swallowing or subsequent vomiting may cause chemical pneumonitis, which can be fatal. Can cause severe irritation of the nose and throat. May cause headache, nausea, dizziness and other symptoms of central nervous system depression. May be mildly irritating to skin, eyes and respiratory system. Direct skin contact may cause temporary redness. Direct eye contact may cause slight redness. Mild respiratory irritant. May cause coughing and breathing difficulties. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

### **Immediate Medical Attention and Special Treatment**

#### **Target Organs**

Lungs, skin, nervous system, eyes, respiratory system, digestive system.

#### **Special Instructions**

Monitor nervous system function. Monitor lung function.

#### **Medical Conditions Aggravated by Exposure**

Immediate medical attention is required. Provide general supportive measures and treat symptomatically.

## **SECTION 5. FIRE-FIGHTING MEASURES**

### **Extinguishing Media**

#### **Suitable Extinguishing Media**

Carbon dioxide, dry chemical powder, appropriate foam, water spray or fog.

#### **Unsuitable Extinguishing Media**

Do not use a solid water stream as it may scatter and spread the fire.

### **Specific Hazards Arising from the Product**

Flammable liquid and vapour. May be ignited by open flame. May accumulate in hazardous amounts in low-lying areas especially inside confined spaces, resulting in a fire hazard. Closed containers may rupture if exposed to excess heat or flame due to a build-up of internal pressure. Toxic fumes may be released during a fire.

In a fire, the following hazardous materials may be generated: very toxic carbon monoxide, carbon dioxide. Other unidentified organic compounds.

### **Special Protective Equipment and Precautions for Fire-fighters**

Fight fire from a safe distance or a protected location. Wear proper protective equipment and self-contained breathing apparatus with full face piece operated in positive pressure mode. Use water spray to flush spills away from ignition sources. Dike and recover contaminated water for appropriate disposal. Do not allow run-off from fire fighting to enter drains and water courses. Review Section 6 (Accidental Release Measures) for important information on responding to leaks/spills.

Fire-fighters may enter the area if positive pressure SCBA and full Bunker Gear is worn.

## **SECTION 6. ACCIDENTAL RELEASE MEASURES**

### **Personal Precautions, Protective Equipment, and Emergency Procedures**

Do not touch damaged containers or spilled product unless wearing appropriate protective equipment. Evacuate

---

Product Identifier: PAINT SHIELD - Ver. 2

SDS No.: 0110

Date of Preparation: May 16, 2018

Date of Last Revision: May 16, 2018

Page 03 of 09

downwind locations. Use the personal protective equipment recommended in Section 8 of this safety data sheet. Eliminate all ignition sources. Use grounded, explosion-proof equipment. Increase ventilation to area or move leaking container to a well-ventilated and secure area. Remove or isolate incompatible materials as well as other hazardous materials.

#### Environmental Precautions

Ensure spilled product does not enter drains, sewers, waterways, or confined spaces. For large spills, dike the area to prevent spreading.

#### Methods and Materials for Containment and Cleaning Up

Remove all sources of ignition. Ventilate the area. Stop or reduce leak if safe to do so. Use only non-sparking tools and equipment in the clean-up process. Contain and absorb spilled liquid with non-combustible, inert absorbent material (e.g. sand), then place absorbent material into a container for later disposal (see Section 13). Contaminated absorbent poses the same hazard as the spilled product. Place used absorbent into suitable, covered, labelled containers for disposal. Contact the proper local authorities.

#### Other Information

Contact supplier, local fire and emergency services for help. Report spills to local health, safety and environmental authorities, as required.

## SECTION 7. HANDLING AND STORAGE

#### Precautions for Safe Handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Only use where there is adequate ventilation. Do not get in eyes, on skin or on clothing. Wear personal protective equipment to avoid direct contact with this chemical. Avoid repeated or prolonged skin contact with product or with contaminated equipment/surfaces. Prevent skin contact. Avoid breathing in this product. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Electrically bond and ground equipment. Ground clips must contact bare metal. Use non-sparking tools. Avoid ignition sources. Prevent accidental contact with incompatible chemicals. Wash hands thoroughly after handling this material. Avoid release to the environment. Keep containers tightly closed when not in use or empty.

#### General hygiene considerations:

Thoroughly clean clothing, shoes and leather goods before reuse or dispose of safely. Do NOT eat, drink or store food in work areas. Wash hands thoroughly after handling this product and before eating, using the washroom or leaving work area.

#### Conditions for Safe Storage

Store in an area that is: cool, dry, well-ventilated, out of direct sunlight and away from heat and ignition sources, separate from incompatible materials (see Section 10: Stability and Reactivity). Protect from conditions listed in Conditions to Avoid in Section 10 (Stability and Reactivity). Store in a closed container. Protect containers from impact, vibration and shock. Regularly check for sufficient levels of inhibitor. Label container with date received, date opened and disposal date. Use a first-in, first-out inventory system. Empty containers may contain hazardous residue. Store separately. Keep closed. Follow all precautions given on this safety data sheet. Restrict access to authorized personnel only. Inspect periodically for damage or leaks. Have appropriate fire extinguishers and spill clean-up equipment in or near storage area.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Control Parameters

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
Stoddard solvent	100 ppm	Not established	500 ppm	Not established	Not established	Not established
Amides, tall-oil fatty, N, N-bis(hydroxyethyl)	Not established	Not established	Not established	Not established	Not established	Not established

Product Identifier: PAINT SHIELD - Ver. 2

Date of Preparation: May 16, 2018

Date of Last Revision: May 16, 2018

SDS No.: 0110

Page 04 of 09

2-Propanol	200 ppm	400 ppm	400 ppm	Not established	Not established	Not established
------------	---------	---------	---------	-----------------	-----------------	-----------------

Consult local authorities for provincial or state exposure limits.

### Appropriate Engineering Controls

Provide exhaust ventilation or other engineering controls to keep the airborne concentration of vapours below their respective threshold limit value

Provide eyewash in work area, if contact or splash hazard exists.

### Individual Protection Measures

#### Eye/Face Protection

Wear chemical safety goggles and face shield when contact is possible.

#### Skin Protection

Wear chemical protective clothing e.g. gloves, aprons, boots.

#### Respiratory Protection

Respiratory protection is required if the concentrations exceed the TLV. Wear a NIOSH approved air-purifying respirator with an appropriate cartridge.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

<b>Appearance</b>	Milky yellow viscous liquid.
<b>Odour</b>	Characteristic Vanilla
<b>Odour Threshold</b>	Not available
<b>pH</b>	Not available
<b>Melting Point/Freezing Point</b>	0 °C (32 °F) (melting); 0 °C (32 °F) (freezing)
<b>Initial Boiling Point/Range</b>	100 °C (212 °F)
<b>Flash Point</b>	40 °C (104 °F)
<b>Evaporation Rate</b>	Not available
<b>Flammability (solid, gas)</b>	Not available
<b>Upper/Lower Flammability or Explosive Limit</b>	Not available (upper); Not available (lower)
<b>Vapour Pressure</b>	Not available
<b>Vapour Density (air = 1)</b>	Not available
<b>Relative Density (water = 1)</b>	1.0
<b>Solubility</b>	Miscible in water
<b>Partition Coefficient, n-Octanol/Water (Log Kow)</b>	Not available
<b>Auto-ignition Temperature</b>	Not available
<b>Decomposition Temperature</b>	Not available
<b>Viscosity</b>	4000 - 5000 centistokes at 25 °C (77 °F) (kinematic); Not available (dynamic)
<b>Other Information</b>	
<b>Physical State</b>	Liquid
<b>Molecular Formula</b>	Not available
<b>Saturated Vapour Concentration</b>	Not available

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions of use.

### Chemical Stability

Product Identifier: PAINT SHIELD - Ver. 2

SDS No.: 0110

Date of Preparation: May 16, 2018

Date of Last Revision: May 16, 2018

Page 05 of 09

Normally stable.

### Possibility of Hazardous Reactions

Hazardous polymerization does not occur.

### Conditions to Avoid

Ensure adequate ventilation, especially in confined areas. Open flames, sparks, static discharge, heat and other ignition sources. Incompatible materials.

### Incompatible Materials

Forms toxic chemicals on contact with: strong oxidizing agents (e.g. perchloric acid).

### Hazardous Decomposition Products

Flammable chemicals; very toxic carbon monoxide, carbon dioxide.  
Other unidentified organic compounds.

## SECTION 11. TOXICOLOGICAL INFORMATION

Information presented below is for the entire product, unless otherwise specified.

### Likely Routes of Exposure

Inhalation; skin contact; eye contact; ingestion.

### Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Stoddard solvent	> 5.5 mg/L (rat) (4-hour exposure) (fume)	> 5000 mg/kg (rat)	> 3000 mg/kg (rabbit)
Amides, tall-oil fatty, N, N-bis(hydroxyethyl)	Not available	> 5000 mg/kg	Not available
2-Propanol	17000 ppm (rat)	4720 mg/kg (rat)	12890 mg/kg (rabbit)

Inhalation ATEmix = 13.75 ppm (4-hour exposure) (gas)

1.5% of the mixture consists of an ingredient or ingredients of unknown acute toxicity (inhalation)

Oral ATEmix = 10684.53 mg/kg

Dermal ATEmix = 7287.98 mg/kg

1.5% of the mixture consists of an ingredient or ingredients of unknown acute toxicity (dermal)

### Skin Corrosion/Irritation

May cause mild irritation based on information for closely related chemicals. Symptoms include slight redness and swelling.

### Serious Eye Damage/Irritation

May cause mild irritation based on information for closely related chemicals. Symptoms include sore, red eyes, and tearing.

### STOT (Specific Target Organ Toxicity) - Single Exposure

#### Inhalation

May cause nose and throat irritation. Symptoms may include coughing, shortness of breath, difficult breathing and tightness in the chest.

#### Skin Absorption

Symptoms may include redness, rash, swelling and itching.

#### Ingestion

May cause irritation of the mouth, throat and stomach. Symptoms may include nausea, vomiting, stomach cramps and diarrhea. Can cause effects as described for inhalation.

### Aspiration Hazard

May be drawn into the lungs (aspirated) if swallowed or vomited. Symptoms may include coughing, choking, shortness of breath, difficult or rapid breathing, and wheezing.

### STOT (Specific Target Organ Toxicity) - Repeated Exposure

Product Identifier: PAINT SHIELD - Ver. 2

SDS No.: 0110

Date of Preparation: May 16, 2018

Date of Last Revision: May 16, 2018

Page 06 of 09

Following skin contact: may cause dermatitis. Symptoms may include dry, red, cracked skin (dermatitis). May cause effects on the central nervous system.

### Respiratory and/or Skin Sensitization

Not known to be a respiratory sensitizer. Not known to be a skin sensitizer.

### Carcinogenicity

Chemical Name	IARC	ACGIH®	NTP	OSHA
Stoddard solvent	Group 3	Not designated	Not Listed	Not Listed
Amides, tall-oil fatty, N, N-bis(hydroxyethyl)	Not Listed	Not Listed	Not Listed	Not Listed
2-Propanol	Group 3	A4	Not Listed	Not Listed

No components are listed as carcinogens by ACGIH, IARC, OSHA or NTP.

Key to Abbreviations

Group 3 = Not classifiable as to its carcinogenicity to humans. A4 = Not classifiable as a human carcinogen.

### Reproductive Toxicity

#### Development of Offspring

Not known to harm the unborn child.

#### Sexual Function and Fertility

Not known to cause effects on sexual function or fertility.

#### Effects on or via Lactation

Not known to cause effects on or via lactation.

### Germ Cell Mutagenicity

Not known to be a mutagen.

### Interactive Effects

No information was located.

## SECTION 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Toxic, with long lasting effects to aquatic life, No data is available on the product itself. The product should not allowed to enter the drains or water courses, or be deposited where it can affect ground or surface waters.

#### Acute Aquatic Toxicity

Chemical Name	LC50 Fish	EC50 Crustacea	ErC50 Aquatic Plants	ErC50 Algae
Stoddard solvent	2.1-4.2 mg/L (Bluegill sunfish; 96-hour)	0.42-2.3 mg/L (Daphnia magna (water flea); 48-hour)	Not available	0.58-1.2 mg/L (72-hour)
Amides, tall-oil fatty, N, N-bis(hydroxyethyl)	> 1-10 mg/L (96-hour)	Not available	Not available	Not available
2-Propanol	9640 mg/L (Pimephales promelas (fathead minnow); 96-hour)	> 10000 mg/L (Daphnia magna (water flea); 48-hour)	Not available	Not available

### Persistence and Degradability

No data is available on the product itself. Contains the following chemicals which are considered to be inherently biodegradable. (Stoddard solvent) The following chemicals are considered to be readily biodegradable. (Amides, tall-oil fatty, N,N-bis(hydroxyethyl))

### Bioaccumulative Potential

No data is available on the product itself. This product or its degradation products have the potential to bioaccumulate based on the fish bioconcentration factor (BCF). N-Octanol/Water Partition Coefficient (Log Kow): 3.16 - 7.15.

Product Identifier: PAINT SHIELD - Ver. 2

SDS No.: 0110

Date of Preparation: May 16, 2018

Date of Last Revision: May 16, 2018

Page 07 of 09

(Stoddard solvent)

### Mobility in Soil

This material has low solubility and floats, and expected to migrate from water to the land.

### 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.

## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal Methods

This product and its container must be disposed of as hazardous waste. Do NOT dump into any sewers, on the ground or into any body of water. Dispose of contents and container in accordance with local, regional, national and international regulations.

## SECTION 14. TRANSPORT INFORMATION

Regulation	UN No.	Proper Shipping Name	Transport Hazard Class(es)	Packing Group
Canadian TDG	UN1993	FLAMMABLE LIQUID, N.O.S. (Stoddard solvent)	3	III
IATA (Air)	UN1993	FLAMMABLE LIQUID, N.O.S. (Stoddard solvent)	3	III
US DOT	UN1993	FLAMMABLE LIQUID, N.O.S. (Stoddard solvent)	3	III
IMO (Marine)	UN1993	FLAMMABLE LIQUID, N.O.S. (Stoddard solvent)	3	III

**Environmental Hazards** Marine Pollutant (Stoddard solvent)

**Special Precautions** Please note: Appropriate advice on safety must accompany the package. Keep away from heat, sparks and open flame. No smoking. Avoid release to the environment.

### Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

## SECTION 15. REGULATORY INFORMATION

### Safety, Health and Environmental Regulations

#### Canada

##### Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)

Listed on the NDSL.

##### CEPA - National Pollutant Release Inventory (NPRI)

Part 5. (Stoddard solvent)

#### USA

##### Toxic Substances Control Act (TSCA) Section 8(b)

Listed on the TSCA Inventory.

##### Additional USA Regulatory Lists

SARA Title III - Section 311/312. (Amides, tall-oil fatty, N,N-bis(hydroxyethyl)) SARA Title III - Section 302: Not applicable. SARA Title III - Section 313. (Amides, tall-oil fatty, N,N-bis(hydroxyethyl)) California Proposition 65. (Amides, tall-oil fatty, N,N-bis(hydroxyethyl)) Type of Toxicity: Not applicable. Massachusetts Right To Know. (Stoddard solvent). (Amides, tall-oil fatty, N,N-bis(hydroxyethyl)) New Jersey Right To Know. (Stoddard solvent). (Amides, tall-oil fatty, N,N-bis(hydroxyethyl)) Pennsylvania Right To Know. (Stoddard solvent). (Amides, tall-oil fatty, N,N-bis(hydroxyethyl)) Rhode Island Right To Know. (Stoddard solvent). (Amides, tall-oil fatty, N, N-bis(hydroxyethyl))

## SECTION 16. OTHER INFORMATION

Product Identifier: PAINT SHIELD - Ver. 2

SDS No.: 0110

Date of Preparation: May 16, 2018

Date of Last Revision: May 16, 2018

Page 08 of 09



---

**SDS Prepared By** The Walker Group Manufacturing Inc.  
**Phone No.** 416-412-2970  
**Date of Preparation** May 16, 2018  
**Date of Last Revision** May 16, 2018  
**Revision Indicators** Date of Last Revision.  
**Key to Abbreviations** ACGIH® = American Conference of Governmental Industrial Hygienists  
AIHA® = AIHA® Guideline Foundation HSDB® = Hazardous Substances Data Bank  
IARC = International Agency for Research on Cancer  
NFPA = National Fire Protection Association NIOSH = National Institute for Occupational Safety and Health  
NTP = National Toxicology Program  
OSHA = US Occupational Safety and Health Administration  
RTECS® = Registry of Toxic Effects of Chemical Substances

**References** CHEMINFO database. Canadian Centre for Occupational Health and Safety (CCOHS).  
HSDB® database. US National Library of Medicine. Available from Canadian Centre for Occupational Health and Safety (CCOHS).

---

Product Identifier: PAINT SHIELD - Ver. 2  
Date of Preparation: May 16, 2018  
Date of Last Revision: May 16, 2018

SDS No.: 0110

Page 09 of 09