

5 STAR Material Safety Data Sheet

Date of Preparation: January 13, 2005

Section 1 - Product Information

Product Name: MAXX FILL™ 2K HIGH BUILD PRIMER SURFACER GRAY 2.1 VOC

Product Code(s): 5452-1 (Gallon), 5452-4 (Quart)

Emergency Phone: CHEMTREC 800-424-9300 (24 HRS/DAY)

Company: ABI® Autobody Brands International
Scottsdale, AZ 85258
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1-87-REFINISH

Revision Number: 1

Intended Use: Coating

Emergency Overview

Signs of Overexposure: Irritability, Irritation of nose, throat, and airways, Intestinal upset (nausea, vomiting, diarrhea), Coughing, central nervous system effects (dizziness, drowsiness, weakness, fatigue, headache, unconsciousness)

Emergency First Aid: Flush eyes with plenty of water. Avoid rubbing eyes. If irritation develops, seek medical attention. Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with head down. Contact physician for advise about whether to induce vomiting. Move to fresh air. If respiratory distress develops, seek medical attention. Wash with soap and water. If symptoms persist, get medical attention.

Handling: Avoid contacting and avoid breathing the material. Use only in a well ventilated area.

Material Physical Appearance: Gray

Fire Fighting: Use alcohol resistant foam, carbon dioxide, or dry chemical extinguishing agents. Water spray or fog may also be effective for extinguishing if swept across the base of the fire. Water can also be used to absorb heat and keep exposed material from being damaged by fire.

Your local fire department may require that you display the NFPA 704 diamond symbol on the front and/or rear entrance to your building.

NFPA 704: Health: 2, Fire: 3, Reactivity: 0

Bondo Corporation has no oversight with respect to the guidance practices or policies or manufacturing processes of other companies handling or using this material. The information given in this MSDS is only related to the product as shipped in its original condition. The information contained in this safety data sheet does not constitute the user's own assessment of workplace risks as required by regulations.

Section 2 - Hazardous Ingredients

Chemical Name	%	CAS#	OSHA Exposure Limits
Talc	30.0 - 40.0	14807-96-6	20 mppcf
Acetone	10.0 - 20.0	67-64-1	1000 ppm TWA; 2400 mg/m3 TWA
calcium carbonate	10.0 - 20.0	1317-65-3	No PEL established
acrylic polymer	5.0 - 10.0	UNKNOWN	No PEL established
n-Butyl acetate	5.0 - 10.0	123-86-4	150 ppm TWA; 710 mg/m3 TWA
para chlorobenzotrifluoride	5.0 - 10.0	98-56-6	No PEL established
Titanium dioxide	1.0 - 5.0	13463-67-7	total dust: 15 mg/m3 TWA
Proprietary	1.0 - 5.0	unknown	No PEL established
Methoxypropanol acetate	1.0 - 5.0	108-65-6	No PEL established

Section 3 – Hazards Identification

Routes of Entry: Inhalation, Ingestion, Skin contact, Eye contact

Target Organs Potentially Affected by Exposure: Eyes, Respiratory Tract, Skin, Nervous System, Kidneys, Liver

Chemical Interactions That Change Toxicity: No chemical interaction known to affect toxicity.

Medical Conditions Aggravated by Exposure: Respiratory disease including asthma and bronchitis, Eye disease, Skin disease including eczema and sensitization, Liver disease, Kidney disease

Immediate (Acute) Health Effects by Route of Exposure

Inhalation Irritation: Can cause moderate respiratory irritation, dizziness, weakness, fatigue, nausea and headache. Can cause mechanical irritation if dusts are generated. Irritating to the nose, throat, and respiratory tract.

Inhalation Toxicity: Harmful! Can cause systemic damage (see "Target Organs")

Skin Contact: Can cause moderate skin irritation, defatting, and dermatitis. Not likely to cause permanent damage. May cause skin irritation.

Skin Absorption: No absorption hazard in normal industrial use. A single exposure is not likely to result in the product being absorbed through the skin in harmful amounts. Component(s) may be absorbed through intact skin, but it is unlikely that harmful effects will occur unless contact is prolonged, repeated, and extensive.

Eye contact: Can cause moderate irritation, tearing and reddening, but not likely to permanently injure eye tissue. Can cause irritation. Can cause mechanical irritation if dusts are generated. Mildly irritating but will not injure eye tissue.

Ingestion Irritation: Irritating to mouth, throat, and stomach. Can cause abdominal discomfort, nausea, vomiting and diarrhea. Harmful if swallowed. Small amounts (a tablespoonful) swallowed during normal handling operations are not likely to cause injury; swallowing amounts larger than that may cause injury. Ingestion may cause transient irritation of throat, stomach and gastrointestinal tract.

Ingestion Toxicity: slightly toxic

Long-Term (Chronic) Health Effects

Carcinogenicity: Contains a substance that is a possible cancer hazard based on high dose animal studies and/or a human study.

Reproductive and Developmental Toxicity: Contains a substance(s) that is a possible reproductive system hazard based on high dose tests with laboratory animals.

Mutagenicity: No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.

Inhalation: Upon prolonged and/or repeated exposure, can cause moderate respiratory irritation, dizziness, weakness, fatigue, nausea and headache. Highly toxic! Can cause systemic damage upon prolonged and/or repeated exposure (see "Target Organs").

Skin Contact: Upon prolonged or repeated contact, can cause moderate skin irritation, defatting, and dermatitis. Not likely to cause permanent damage.

Skin Absorption: Upon prolonged or repeated exposure, no hazard in normal industrial use.

Ingestion: Toxic if swallowed. May cause target organ failure and/or death.

Section 4 – First Aid Measures

Inhalation: Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen. If not breathing, give artificial respiration and have a trained individual administer oxygen. Get medical attention immediately. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately.

Eyes: Flush eyes with plenty of water for at least 20 minutes retracting eyelids often. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get immediate medical attention. In case of eye contact, flush immediately with plenty of water for at least 15 minutes and get medical attention immediately; for skin, wash thoroughly with soap and water. Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Have eyes examined and tested by medical personnel. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.

Skin Contact: Wash with soap and water. Remove contaminated clothing and launder. Get medical attention if irritation develops or persists.

Ingestion: Do not induce vomiting and seek medical attention immediately. Provide medical care provider with this MSDS. If swallowed, do not induce vomiting. Get medical attention immediately. Seek medical advice if symptoms persist

Notes to Doctor: No additional first aid information available

Section 5 – Fire Fighting Measures

Flammability Summary: Extremely Flammable

Extinguishing Media: Use alcohol resistant foam, carbon dioxide, or dry chemical extinguishing agents. Water spray or fog may also be effective for extinguishing if swept across the base of the fire. Water can also be used to absorb heat and keep exposed material from being damaged by fire.

Fire and/or Explosion Hazards: Vapors may be ignited by heat, sparks, flames or other sources of ignition at or above the low flash point giving rise to a Class B fire. Vapors are heavier than air and may travel to a source of ignition and flash back

Fire Fighting Methods and Protection: Do not enter fire area without proper protection including self-contained toxic breathing apparatus and full protective equipment. Fight fire from a safe distance and a protected location due to the potential of hazardous vapors and decomposition products. Flammable component(s) of this material may be lighter than water and burn while floating on the surface. Use water spray/fog for cooling.

Hazardous Combustion Products: Carbon dioxide, Carbon monoxide, Hydrocarbons

Flash Point (SFCC): -20 deg. C -4 deg. F

Lower Flammable/Explosive Limit: Not determined

Section 6 - Accidental Release

Personal Precautions and Equipment: Exposure to the spilled material may be irritating or harmful. Follow personal protective equipment recommendations found in Section 8 of this MSDS. Additional precautions may be necessary based on special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred. Also consider the expertise of employees in the area responding to the spill.

Methods for Clean-up: Prevent the spread of any spill to minimize harm to human health and the environment if safe to do so. Wear complete and proper personal protective equipment following the recommendation of Section 8 at a minimum. Dike with suitable absorbent material like granulated clay. Gather and store in a sealed container pending a waste disposal evaluation.

Section 7 – Handling and Storage

Handling Technical Measures and Precautions: Harmful or irritating material. Avoid contacting and avoid breathing the material. Use only in a well ventilated area. Use spark-proof tools and explosion-proof equipment. As with all chemicals, good industrial hygiene practices should be followed when handling this material. Minimize dust generation and accumulation Avoid contact with material, avoid breathing dusts or fumes, use only in a well ventilated area. Wash thoroughly after handling.

Do not get in eyes, on skin and clothing.

Ground and bond containers when transferring material Keep in air-tight containers- material is hygroscopic.

Remove contaminated clothing and wash before reuse.

Avoid breathing material. Guard against dust accumulation of this material.

Storage Technical Measures and Conditions: Store in a cool dry ventilated location. Isolate from incompatible materials and conditions. Keep container(s) closed. Keep away from sources of ignition. Keep container closed when not in use. Store in a cool dry place Store in a tightly closed container. Keep away from heat, sparks, and flame.

Limit quantity of material stored.

Section 8 – Exposure Controls/Personal Protection

Engineering Measures: No exposure limits exist for the constituents of this product. Use local exhaust ventilation or other engineering controls to minimize exposures and maintain operator comfort. Engineering controls must be designed to meet the OSHA chemical specific standard in 29 CFR 1910. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits Explosion proof exhaust ventilation should be used. If user operations generate dust, fume, or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Respiratory Protection: Respiratory protection may be required to avoid overexposure when handling this product. General or local exhaust ventilation is the preferred means of protection. Use a respirator if general room ventilation is not available or sufficient to eliminate symptoms. Wear a NIOSH approved respirator if levels

above the exposure limits are possible. Follow a respiratory protection program that meets 29 CFR 1910.134 and ANSI Z88.2 requirements whenever work place conditions warrant the use of a respirator. Respiratory protection may be required in addition to ventilation depending upon conditions of use. Wear a NIOSH approved respirator if any exposure is possible.

Eye Protection: Wear chemical splash goggles when handling this product. Additionally, wear a face shield when the possibility of splashing of liquid exists. Have an eye wash station available.

Wear goggles if dusts can reach the exposure limit. Wear goggles and a Face shield

Skin Protection: Wear protective gloves. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work. Where contact is likely, wear chemical resistant gloves, a chemical suit, rubber boots, and chemical safety goggles plus a face shield

Gloves: Required for prolonged or repeated contact. Use solvent resistant gloves. Barrier creams are not substitutes for full physical protection. Refer to safety equipment supplier for effective glove recommendations.

Control Parameters:

Chemical Name	ACGIH TLV-TWA	ACGIH STEL	IDLH
Talc	2 mg/m ³ TWA (this TLV is for the respirable fraction of dust for Talc)	Not established	Not determined
Acetone	500 ppm TWA; 1188 mg/m ³ TWA	750 ppm STEL; 1782 mg/m ³ STEL	Not determined
calcium carbonate	Not established	Not established	Not determined
acrylic polymer	Not established	Not established	Not determined
n-Butyl acetate	150 ppm TWA; 713 mg/m ³ TWA	200 ppm STEL; 950 mg/m ³ STEL	Not determined
para chlorobenzotrifluoride	Not established	Not established	Not determined
Titanium dioxide	10 mg/m ³ TWA	Not established	Not determined
proprietary	Not established	Not established	Not determined
Methoxypropanol acetate	Not established	Not established	Not determined

Section 9 – Physical and Chemical Properties

Physical State:

Color: Gray

Odor: Moderate Characteristic Ketone

pH: Not determined

Solubility in Water: Complete; 100% Low; 10-49%

Evaporation Rate:

Volatiles, % by weight: 31.73

Volatiles, % by volume: 54.55

Volatile Organic Compounds excluding exempt solvents and water:

1.69Lb/gallon 202.47 g/l

Volatile Organic Compounds including exempt solvents and water:

0.99LB/gallon 118.97g/l

Vapor Density:

Vapor Pressure: Not determined

Boiling Point: 60.000000 deg. C; 140 deg. F

Specific Gravity: 2.75

Weight per Gallon: 12.5344

Section 10 – Stability and Reactivity

Stability: Stable under normal conditions. Stable

Conditions to Avoid: Sparks, open flame, other ignition sources, and elevated temperatures. Contamination
Elevated temperatures

Materials to Avoid/Chemical Incompatibility: Strong oxidizing agents, Strong acids, Strong alkalies, Metals

Hazardous Decomposition Products: Hydrocarbons, Carbon monoxide, Carbon dioxide

Section 11 - Toxicological Information

Sensitization (effects of repeated exposure): No data

Component Toxicology Data (NIOSH)

Chemical Name	CAS Number	LD50/LC50
Talc	14807-96-6	No data available
Acetone	67-64-1	Inhalation LC50 Rat : 50100 mg/m ³ /8H; Inhalation LC50 Mouse : 44 gm/m ³ /4H; Ora
calcium carbonate	1317-65-3	No data available
acrylic polymer	UNKNOWN	No data available
n-Butyl acetate	123-86-4	N-BUTYL ACETATE: ORAL, RAT: LD50 = 10768 MG/KG; INHALATION, RAT: LC50 = 2000 P
para chlorobenzotrifluoride	98-56-6	No data available
Titanium dioxide	13463-67-7	No data available
proprietary	Unknown	No data available
Methoxypropanol acetate	108-65-6	Oral LD50 Rat : 8532 mg/kg; Dermal LD50 Rabbit : >5 gm/kg

Section 12 - Ecological Information

Overview: Avoid runoff into ground, storm drains or sewers that lead into waterways. Water runoff may cause environmental damage. There are extensive ecological data available on the various components of these products. An adequate representation of all these data is beyond the scope of this document. Please contact the information phone number found in Section 16.

Section 13 – Disposal Information

Waste Description for Spent Product: Spent or discarded material is a hazardous waste.

Disposal Methods: Dispose of in accordance with federal, state or provincial and local pollution requirements. Clean preferably with a detergent, avoid the use of solvents. This information applies only to the material as manufactured; processing, use or contamination may make this information inappropriate, inaccurate or incomplete. The generator of the waste has the responsibility for proper waste classification, transportation and disposal.

Waste Disposal Codes: D001

Section 14 – Transportation Information

DOT Basic Description:	DOT: Consumer Commodity, ORM-D
	IMDG: Paint, 3, UN 1263, II, LTD QTY, Flashpoint –15C, EmS F-E, S-E
Hazard Class:	N/A
UN Number:	N/A
Packing Group:	N/A

Section 15 - Regulatory Information

Note: Materials listed in this section may be present as trace level contaminants to raw materials. Check Section 2 - Hazardous Ingredients to determine if a significant amount is present

OSHA: This product is considered hazardous under the Federal OSHA Hazard Communication Standard.

WHMIS: B2,D2B

SARA Title III:

Section 302 Extremely Hazardous Substances: None

Section 311 / 312 Hazard Categories: Immediate health, delayed health, fire hazard.

Section 313 Toxic Chemicals: Xylene and ethylbenzene

You may be required to submit this MSDS to state and local emergency response agencies (SERC & LEPC) and to your local fire department. Also, you may be affected by other sections of this law, depending on the chemicals and amounts that you inventory at your location. To learn more about your responsibilities, call the EPA Hotline (800) 535-0202

TSCA status: All components in this product are on the TSCA Inventory.**Canadian Domestic Substances List:** The components of this product ARE listed on the Canadian Domestic Substances List.
Proposition 65: WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

Section 16 - Preparation Information

Prepared by ABI® Autobody Brands International Research and Development Department

Information phone number: 1-87-REFINISH

Do not handle until the manufacturer's safety precautions have been read and understood. Regulations require that all employees be trained on Material Safety Data Sheets for all products with which they come in contact.

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