I. IDENTIFICATION

MANUFACTURED BY: Diamond Vogel Paint
1020 Albany Place SE
Orange City, IA 51041

REVISED: 09/15/2009
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TRADE NAME: 3.5 Poly Activator L/F (Part B)

MFG. PRODUCT NUMBER: IG-0260

II. HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Name</th>
<th>WT %</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>OSHA CEILING</th>
<th>OSHA PEAK</th>
<th>VAPOR PRESSURE</th>
<th>LEL%</th>
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</thead>
<tbody>
<tr>
<td>28182-81-2</td>
<td>Polymeric Isocyanate</td>
<td>50-75</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>Unk</td>
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<tr>
<td>110-43-0</td>
<td>Methyl Amyl Ketone</td>
<td>20-50</td>
<td>Footnote: (1)</td>
<td></td>
<td></td>
<td></td>
<td>2.14 mm</td>
<td>1.1</td>
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</tbody>
</table>

WARNING MESSAGES:
(1) Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Chronic exposure may cause damage to the central nervous system, respiratory system, lung, eye, skin, liver, gastrointestinal tract, spleen, kidneys, and blood.
(2) See Section IX for reportable Hazardous Air Pollutants.

III. PHYSICAL DATA

BOILING RANGE: 257-308° F

EVAPORATION RATE: * slower than ether *

PERCENT VOLATILE BY VOLUME: 51.39%   WEIGHT PER GALLON: 8.24 LBS

VAPOR DENSITY: * heavier than air *

ACTUAL VOC (lb/gal): 3.50
EPA VOC (lb/gal): 3.50   EPA VOC (g/L): 419.44

IV. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 39° C 102° F   LEL: Refer to Section II

FLAMMABILITY CLASSIFICATION: CLASS II

HAZARD CLASSIFICATION: *Combustible Liquid*

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, foam,
water spray for large fires.
CAUTION! Note that water or foam may cause frothing due to
the liberation of carbon dioxide and that the reaction of
water with hot isocyanates may be violent. If water is used,
it should be used in very large quantities.

UNUSUAL FIRE AND EXPLOSION HAZARDS: With excessive heat, cans will rupture
from internal pressure and discharge flammable contents.
Vapors may ignite explosively. Keep away from heat,
sparks and flame. Do not smoke. Extinguish all
flames and pilot lights, and turn off stoves, heaters,
electric motors and other sources of ignition during use
and until all vapors are gone. Prevent build up of
vapors by opening all windows and doors to achieve
cross-ventilation.

SPECIAL FIREFIGHTING PROCEDURES: Burning will produce toxic fumes. Wear
self-contained breathing apparatus and full turn-out
gear to fight fires. USE WATER WITH CAUTION. Material
will float and may ignite on surface of water. Use
water spray to keep fire exposed containers cool.
Water may be ineffective in fighting the fire.

V. HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: See Section II.

EFFECTS OF OVEREXPOSURE:

ODOR THRESHOLD- There is no available information on the polymeric
isocyanate. The odor threshold of monomeric isocyanate is 0.4
ppm. The monomeric isocyanate is considered to have poor
warning properties, that is if you can smell it, then it
is above the recommended occupational standards for the
compound.

IRRITATION THRESHOLD- The irritation threshold for this product has
not been clearly established because those persons sensitized to
monomeric isocyanate may show signs and symptoms of irritation at
levels far below those that are not sensitized.

INHALATION:

ACUTE- Exposure may cause mucous membrane and respiratory tract
irritation, tightness of chest, headache, shortness of breath,
and a dry cough. Inhalation may cause asthma-like symptoms to
occur. These symptoms may include coughing, wheezing, and
shortness of breath. A hypersensitive pneumonitis may also
occur if the person is sensitized. This syndrome is
characterized by fever, nonproductive cough, wheezing, chills,
and shortness of breath. The effects of acute exposure may be
delayed in onset up to 12-24 hours.

CHRONIC- Repeated exposure may cause an allergic sensitization of
the respiratory tract. This is characterized by an asthma-like
response upon reexposure to the chemical. The symptoms may include coughing, wheezing, shortness of breath and chest tightness.

SKIN:
ACUTE- Skin contact may cause an irritation consisting of transient redness. This irritant effect would not be expected to result in permanent damage.
CHRONIC- Repeated contact may cause irritation of the skin and an allergic skin reaction consisting of a hive-like rash on locations not even directly contacted by the liquid.

EYE:
The effects of liquid directly contacting the eye can be significant. This may result in severe irritation and possible damage to the cornea and impairment of vision. The effects of high vapor concentration may vary from slight irritation with tearing and a burning sensation to keratitis consisting of inflammation of the cornea and impairment of vision.

INGESTION:
ACUTE- Can result in irritation of the mouth, stomach tissue and digestive tract. Gastroenteritis may result with any or all of the following symptoms; nausea, vomiting, diarrhea, headache.
CHRONIC- More pronounced gastroenteritis effects would probably occur if this material was repeatedly ingested.

TARGET ORGAN TOXICITY- Irritation to the skin, eyes, mucus membrane, and respiratory tract.

REPRODUCTIVE AND DEVELOPMENTAL TOXICITY- This material is not known or reported to be a developmental or reproductive toxin.

CARCINOGENICITY- This material is not known or reported to be carcinogenic by any reference source including IARC, OSHA, NTP, or EPA.

MUTAGENICITY- Monomeric isocyanate has been tested to determine its potential for mutagenic activity in the Ames assay and under the conditions of the study was found to be negative. There is no available information on the polymeric isocyanate.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:
Asthma, Chronic respiratory disease (e.g. Bronchitis, Emphysema)
Eye disease, Skin disorders and Allergies.

PRIMARY ROUTE(S) OF ENTRY: Eyes, Ingestion, Skin, Inhalation

EMERGENCY AND FIRST AID PROCEDURES:
EYES- Immediately flush with large amounts of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Call a physician at once.
SKIN- Immediately flush with water for 15 minutes. Wash the contaminted skin with soap and water. If irritation develops, call a physician. If clothing comes in contact with the product, the clothing should be laundered before reuse.
INGESTION—Immediately drink large quantities of water. DO NOT induce vomiting. Call a physician at once. DO NOT give anything by mouth if the person is unconscious or if having convulsions.

INHALATION—If person experiences nausea, headache or dizziness, person should stop work immediately and move to fresh air until these symptoms disappear. If breathing is difficult, administer oxygen, keep the person warm and at rest. Call a physician. In the event that an individual inhales enough product to lose consciousness, person should be moved to fresh air at once and a physician should be called immediately. If breathing has stopped, artificial respiration should be given immediately. In all cases, ensure adequate ventilation and provide respiratory protection before the person returns to work.

VI. REACTIVITY DATA

STABILITY: *stable*      HAZARDOUS POLYMERIZATION: *will not occur*

INCOMPATIBILITY: Water, amines, strong bases, alcohols, and surface active compound, oxidizing materials.

HAZARDOUS DECOMPOSITION PRODUCTS: Burning will produce toxic fumes. CO, nitric oxide, isocyanate-containing vapors.

CONDITIONS TO AVOID:
In the absence of catalyst, the reaction with water is slow and nonviolent, generating carbon dioxide gas. This gas can cause sealed containers to expand and possibly rupture. Elevated temperatures will increase the reaction rate of this material with water. This material should be stored in tightly closed containers to prevent moisture contamination. Do not reseal containers if moisture contamination is suspected.

VII. SPILL OR LEAK PROCEDURES

SPILL/LEAK PROCEDURES: Evacuate nonessential personnel. Remove all sources of ignition and ventilate the area. Notify appropriate authorities if necessary. Put on personal protective equipment. Dike or impound spilled material and control further spillage if feasible. Use vermiculite, Fuller's earth or other absorbent material. Pour decontamination solution over spill area and allow to react for at least 10 minutes. Collect material in open containers and add further amounts of decontamination solution. Remove containers to a safe place, cover loosely, and allow to stand for 24 to 48 hours. Wash down spill area with decontamination solutions. Decontamination solutions: nonionic surfactant Union Carbide's Tergitol TMN-10 (20%) and water (80)%; concentrated ammonia (3-8%), detergent (2%) and water (90-95%).

WASTE DISPOSAL METHOD: Waste must be disposed of in accordance
with federal, state and local environmental control regulations. Incineration is the preferred method. Empty containers must be handled with care due to product residue. Decontaminate prior to disposal. DO NOT HEAT OR CUT EMPTY CONTAINER WITH ELECTRIC OR GAS TORCH.

VIII. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: A respirator that is recommended or approved for use in isocyanate containing environments (air purifying or fresh air supplied) may be necessary for spray applications or other situations such as high temperature use which may produce inhalation exposures. A supplied air respirator (either positive pressure or continuous flow type) is recommended. Before an air-purifying respirator can be used, air monitoring must be performed to measure airborne concentrations of isocyanate monomer, polymeric isocyanate and organic solvent. During nonspray operations such as mixing, brushing and rolling applications, etc., at elevated temperatures (for example, heating of material or application to a hot substrate), it is possible to be exposed to airborne isocyanate vapors. Therefore, when the coatings system contains solvents and will be applied in a nonspray manner, a supplied-air (either positive pressure or continuous flow type) respirator may be appropriate or mandatory.

VENTILATION: Good industrial hygiene practice dictates that worker protection should be achieved through engineering controls such as ventilation whenever feasible. When such controls are not feasible to achieve full protection, the use of respirators and other personal protective equipment is mandated. Exhaust air may need to be cleaned by scrubbers or filters to reduce environmental contamination. Curing ovens must be ventilated to prevent emissions into the workplace. If oven off-gases are not vented properly, it is possible to be exposed to airborne monmeric isocyanates.

PROTECTIVE GLOVES: Impermeable gloves to prevent skin contact.

EYE PROTECTION: Splash proof eye goggles. In emergency situations, use eye goggles with a full face shield.

OTHER PROTECTIVE EQUIPMENT: Where contact is likely, wear rubber apron and boots. Eye wash station and safety
HYGIENIC PRACTICES: See Section V

**IX. SPECIAL PRECAUTIONS**

PRECAUTIONS TO BE TAKEN DURING HANDLING AND STORAGE:
Keep away from heat. Keep away from sparks, flames and other sources of ignition. Store in a cool, dry place. Keep container closed when not in use. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Use with adequate ventilation. Ground and bond containers when transferring material. Use explosion proof equipment. Follow all MSDS/label precautions even after the container is emptied because it may retain product residues. Wash thoroughly after handling.

OTHER PRECAUTIONS: Avoid resealing containers that have been contaminated with water. The resulting reaction could cause a pressure within the container which is great enough to burst the container.

This product contains no reportable Hazardous Air Pollutants.